

## AR51672PU-S

## Human ZADH2 (33-377, His-tag) - Purified

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternate names:</b>  | Zinc-binding alcohol dehydrogenase domain-containing protein 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Quantity:</b>         | 20 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 0.25 mg/ml (determined by Bradford assay)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Background:</b>       | ZADH2 belongs to the zinc-containing alcohol dehydrogenase family.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Uniprot ID:</b>       | <a href="#">Q8N4Q0</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>NCBI:</b>             | <a href="#">NP_787103</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>GeneID:</b>           | <a href="#">284273</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source:</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Format:</b>           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >90% by SDS - PAGE<br><b>Buffer System:</b> Phosphate Buffered Saline (pH 7.4) containing 20% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description:</b>      | Recombinant human ZADH2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.<br><b>AA Sequence:</b><br>MGSSHHHHH SSGLVPRGSH MGSMQKLVVT RLSPNFREAV TLRDCPVPL PGDGDLLVRN<br>RFVGVNASDI NYSAGRYDPS VKPPFDIGFE GIGEVVALGL SASARYTVGQ AVAYMAPGSF<br>AEYTVVPASI ATPVPSVKPE YLTLLVSGTT AYISLKEGGL LSEGKKVLVT AAAGGTGQFA<br>MQLSKKAKCH VIGTCSSDEK SAFLKSLGCD RPINYKTEPV GTVLKQEYPE GVDVVYESVG<br>GAMFDLAVDA LATKGRLIVI GFISGYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL<br>SKYQAAMSHL LEMCVSGDLV CEVDLGDLSPE EGRFTGLESF FRAVNYMYMG KNTGKIVVEL<br>PHSVNSKL<br><b>Molecular weight:</b> 39.0 kDa (368aa) confirmed by MALDI-TOF |
| <b>Storage:</b>          | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing. Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>General Readings:</b> | Burkard T.R., et al. (2011) BMC Syst. Biol. 5:17-17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Pictures:</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

