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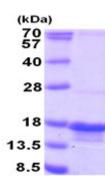
## **OriGene Technologies GmbH**

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## AR51638PU-S Human PTRHD1 (1-140, His-tag) - Purified

| Alternate names:  | C2orf79, Putative peptidyl-tRNA hydrolase PTRHD1   |
|-------------------|--|
| Quantity:         | 0.1 mg   |
| Concentration:    | 1.0 mg/ml (determined by Bradford assay)   |
| Background:       | Putative peptidyl-tRNA hydrolase PTRHD1, also known as PTRHD1, is a 140 amino acid<br>protein that is encoded by a gene located on human chromosome 2p23.3. The second<br>largest human chromosome, chromosome 2 consists of 237 million bases, encodes<br>over 1,400 genes and makes up approximately 8% of the human genome. A number<br>of genetic diseases are linked to genes on chromosome 2.                                  |
| Uniprot ID:       | Q6GMV3   |
| NCBI:             | <u>NP_001013685</u>  |
| GenelD:           | <u>391356</u>  |
| Species:          | Human  |
| Source:           | E. coli  |
| Format:           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >85% by SDS - PAGE<br><b>Buffer System:</b> Phosphate buffer saline (pH 7.4) containing 30% glycerol, 1mM DTT.   |
| Description:      | Recombinant human PTRHD1 protein, fused to His-tag at N-terminus, was expressed<br>in E.coli and purified by using conventional chromatography techniques.<br>AA Sequence:<br>MGSSHHHHHH SSGLVPRGSH MGSMHRGVGP AFRVVRKMAA SGAEPQVLVQ YLVLRKDLSQ<br>APFSWPAGAL VAQACHAATA ALHTHRDHPH TAAYLQELGR MRKVVLEAPD ETTLKELAET<br>LQQKNIDHML WLEQPENIAT CIALRPYPKE EVGQYLKKFR LFK<br>Molecular weight: 18.2 kDa (163aa) confirmed by MALDI-TOF |
| Storage:          | 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.   |
| General Readings: | IJdo J W., et al. (1991) Proc Natl Acad Sci. 88: 9051-9055. Avarello R., et al. (1992) Hum<br>Genet. 89: 247-249.  |

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15% SDS-PAGE (3ug)

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