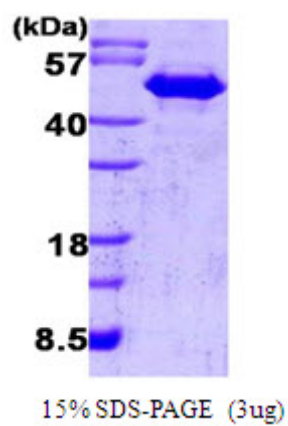


## AR09008PU-L

## Recombinant human CDC37 (aa 1-378)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternate names:</b>  | CDC37A, Hsp90 chaperone protein kinase-targeting subunit, Hsp90 co-chaperone Cdc37, p50Cdc37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Quantity:</b>         | 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration:</b>    | 1.0 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Background:</b>       | CDC37, an essential gene in <i>Saccharomyces cerevisiae</i> , interacts genetically with multiple protein kinases. Cdc37 associates with the heat-shock protein 90 (Hsp90) molecular chaperone as one of several auxiliary proteins that are collectively referred to as Hsp90 co-chaperones. Cdc37 up-regulation is a common early event in some localized human cancers.                                                                                                                                                                                                                                                                       |
| <b>Uniprot ID:</b>       | <a href="#">Q16543</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>NCBI:</b>             | <a href="#">NP_008996.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>GeneID:</b>           | <a href="#">11140</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source:</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Format:</b>           | <b>State:</b> Liquid purified protein<br><b>Purity:</b> >95% >= 95% by SDS PAGE<br><b>Buffer System:</b> 20 mM Tris pH 8.0, 10 % glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description:</b>      | Recombinant CDC37 protein was expressed in E.coli and purified by using conventional chromatography techniques.<br><b>AA Sequence:</b><br>MVDYSVWDHI EVSDDEDETH PNIDTASLFR WRHQARVERM EQFQKEKEEL DRGCRECKRK<br>VAECQRKLKE LEVAEGGKAE LERLQAEAAQ LRKEERSWEQ KLEEMRKKEK SMPWNVDTLS<br>KDGFSKSMVN TKPEKTEEDS EEVREQKHKT FVEKYEQIK HFGMLRRWDD SQKYLSDNVH<br>LVCEETANYL VIWCIDLEVE EKCALMEQVA HQTIVMQFIL ELAKSLKVDP RACFRQFFTK<br>IKTADRQYME GFNDELEAFK ERVRGRAKLR IEKAMKEYEE EERKKRLGPG GLDPVEVYES<br>LPEELQKCFD VKDVQMLQDA ISKMDPTDAK YHMQRCSIDSG LWVPNSKASE AKEGEEAGPG<br>DPLLEAVPKT GDEKDVS<br><b>Molecular weight:</b> 44.4 kDa 44.4 kDa (378aa) |
| <b>Add. Information:</b> | NCBI Accession No.: NP_008996                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage:</b>          | Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>General Readings:</b> | Boudeau J., (2003) <i>Biochem J.</i> 370(3):849-57.<br>Abbas-Terki T., (2002) <i>Biol Chem.</i> 383(9):1335-42.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Pictures:



CDC37: 15% SDS-PAGE (3 ug)

