

Product datasheet for **AR09008PU-N**

CDC37 (1-378) Human Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | CDC37 (1-378) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MVDYSWWDHI EVSDDDEETH PNIDTASLFR WRHQARVERM EQFQKEKEEL DRGCRECKRK VAECQRKLKE LEVAEGGKAE LERLQAEAQQ LRKEERSWEQ KLEEMRKKEK SMPWNVDTLS KDGFSKSMVN TKPEKTEEDS EEVREQKHKT FVEKYEQQIK HFGMLRRWDD SQKYLSDNVH LVCEETANYL VIWCIDLEVE EKCALMEQVA HQTIVMQFIL ELAKSLKVDP RACFRQFFTK IKTADRQYME GFNDELEAFK ERVRGRAKLR IEKAMKEYEE EERKKRLGPG GLDPVEVYES LPEELQKCFD VKDVQMLQDA ISKMDPTDAK YHMQRCDISG LWVPNSKASE AKEGEEAGPG DPLLEAVPKT GDEKDVSV |
| Predicted MW: | 44.4 kDa |
| Concentration: | lot specific |
| Purity: | >95% >= 95% by SDS PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0, 10% glycerol |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant CDC37 protein was expressed in E.coli and purified by using conventional chromatography techniques. |
| Note: | NCBI Accession No.: NP_008996 |
| Storage: | Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_008996 |
| Locus ID: | 11140 |
| UniProt ID: | Q16543 , A0A024R7B7 |
| Cytogenetics: | 19p13.2 |
| Synonyms: | P50CDC37 |



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Summary:

The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchromyces cerevisiae*. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases. [provided by RefSeq, Jul 2008]

Product images: