

Cell Division Cycle 37 Human Recombinant, His Tag

Item Number	rAP-2981
Synonyms	Cell Division Cycle 37 homolog, P50CDC37, CDC37, Hsp90 chaperone protein kinase-targeting subunit, CDC37 cell division cycle 37 homolog, hsp90 co-chaperone Cdc37, CDC37A.
Description	CDC37, His Protein is a 45.71 kDa protein containing 388 amino acids fused to a 10 aa N-Terminal His-tag.
Uniprot Accession Number	Q1654
Amino Acid Sequence	MKHHHHHHAS MVDYSVWDHI EVSDDDEETH PNIDTASLFR WRHQARVERM EQFQKEKEEL DRGCRECKRK VAECQRKLKE LEVAEGGKAE LERLQAEQQ LRKEERSWEQ KLEEMRKKEK SMPWNVDTLK KDGFSKSMVN TKPEKTEEDS EEVREQKHKT FVEKYEKQIK HFGMLRRWDD SQKYLSDNVH LVCEETANYL VIWCIDLEVE EKCALMEQVA HQTIVMQFIL ELAKSLKVDK RACFRQFFTK IKTADRQYME GFNDELEAFK ERVRGRAKLR IEKAMKEYEE EERKKRLGPG GLDPVEVYES LPEEL- QKCFD VKDVQMLQDA ISKMDPTDAK YHMQRCSIDG LWVPNSKASE AKEGEEAGPG DPLLEAVPKT
Source	E. coli
Physical Appearance and Stability	Store lyophilized CDC37 His human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted CDC37 can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	CDC37, His Human was filtered (0.4µm) and lyophilized from 0.5mg/ml supplied in 20mM TRIS, 50mM NaCl, pH 7.5.
Application	
Solubility	Add deionized water to prepare a working stock solution of 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**