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CDC37 Human, His

Cell Division Cycle 37 Human Recombinant, His Tag
RCP0363

Product Overview

Name	CDC37 Human, His

Description

Cell Division Cycle 37 Human Recombinant, His Tag

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.

Introduction

CDC37, His protein is extremely parallel to Cdc 37, a cell division cycle control protein of Sacchromyces cerevisiae. CDC37 is a molecular chaperone with a detailed role in cell signal transduction. CDC37 forms a complex with Hsp90 and several protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, and eIF2 alpha kinases CDC37 has a vital part in directing Hsp90 to its target kinases.

Source

E. coli

Formulation

CDC37, His Human was filtered (0.4 µm) and lyophilized from 0.5mg/ml supplied in 20mM TRIS, 50mM NaCl, pH 7.5.

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.

Amino acid sequence

MKHHHHHHAS MVDYSVWDHI EVSDDEDETH PNIDTASLFR WRHQARVERM EQFQKEKEEL DRGCRECKRK VAECQRKLKE LEVAEGGKAE LERLQAEAQQ LRKEERSWEQ KLEEMRKKEK SMPWNVDTLS KDGFSKSMVN TKPEKTEEDS EEVREQKHKT FVEKYEKQIK HFGMLRRWDD SQKYLSDNVH LVCEETANYL VIWCIDLEVE EKCALMEQVA HQTIVMQFIL ELAKSLKVDP RACFRQFFTK IKTADRQYME GFNDELEAFK ERVRGRAKLR IEKAMKEYEE EERKKRLGPG GLDPVEVYES LPEELQKCFD VKDVQMLQDA ISKMDPTDAK YHMQRCIDSG LWVPNSKASE AKEGEEAGPG DPLLEAVPKT GDEKDVSV

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.

Precautions

CDC37 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.