

## CDC37 Human, His

**Description:** CDC37, His Protein is a 45.71 kDa protein containing 388 amino acids fused to a 10 aa N-Terminal His-tag.

**Catalog #:** PRPS-147

**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.

For research use only.

**Source:** E. coli

**Amino Acid Sequence:** MKHHHHHHAS MVDYSVWDHI EVSDDEDETH PNIDTASLFR  
WRHQARVERM EQFQKEKEEL DRGCRECKRK VAECQRKLKE LEVAEGGKAE LERLQAEAAQ  
LRKEERSWEQ KLEEMRKKEK SMPWNVDTLK KDGFSKSMVN TKPEKTEEDS EEVREQKHKT  
FVEKYEKQIK HFGMLRRWDD SQKYLSDNVH LVCEETANYL VIWCIDLEVE EKCALMEQVA  
HQTIVMQFIL EL

**Formulation:**

CDC37, His Human was filtered (0.4

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Applications:**

Western blotting

**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.

**Introduction:**

CDC37, His protein is extremely parallel to Cdc 37, a cell division cycle control protein of *Saccharomyces 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.

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