www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

CDC37 Human, His

Catalog #:PRPS-147

For research use only.

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

Source:E. coli

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 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 drµgs, 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 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.

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