Hsp90 co-chaperone Cdc37 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Hsp90 chaperone protein kinase-targeting subunit, p50Cdc37, CDC37, CDC37A

Cat. No.:
RD172226100 (0.1 mg)

Description

Total 388 AA. MW: 45.71 kDa (calculated). N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Immune Response, Infection and Inflammation, Oncology

Amino Acid Sequence

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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
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Source

E. coli

SDS-PAGE gel

10% SDS-PAGE separation of Human Cdc37
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 5µg/lane
3. -
4. non-reduced and non-heated sample, 5µg/lane

Formulation

Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At temperature 2 - 8°C Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein

can be stored at 4°C for a week. Lyophilized protein is unstable at 4°C and at RT.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.

Applications

Western blotting

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