

Recombinant Human KPNB1 Protein

Catalog #	Source	Reactivity	Applications
CRP2762	E. coli	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human KPNB1 Protein is produced by E.coli expression system and the target gene encoding Met1-Ala876 is expressed with a 6His tag at the N-terminus.

Form Liquid in a 0.2 µm filtered solution of 20mM Tris, 1mM DTT, 30% glycerol, 0.1M Nacl, pH8.0.

Gene Symbol KPNB1

Alternative Names NTF97; Importin subunit beta-1; Importin-90; Karyopherin subunit beta-1; Nuclear factor p97; Pore targeting complex 97 kDa subunit; PTAC97

Entrez Gene 3837 (Human)

SwissProt Q14974 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure MNHKVHHHHH HMELITILEK TVSPDRLELE AAQKFLERAA VENLPTFLVE LSRVLANPGN SQVARVAAGL QIKNSLTSKD PDIKAQYQQR WLAI DANARR EVKNYVLQTL GTETYRPSSA SQC VAGIACA EIPVNQWPEL IPQLVANVTN PNSTEHMKES TLEAIGYICQ DIDPEQLQDK SNEILTAIQ GMRKEEPSNN VKLAATNALL NSLEFTKANF DKESERHFIM QVVCEATQCP DTRVRVAALQ NLVKIMSLYY QYMETYMGPA LFAITIEAMK SDIDEVALQG IEFWSNVCDE EMDLAI EASE AAEQGRPPEH TSKFYAKGAL QYLVPI LTQT LTKQDENDDD DDWNPCKAAG VCLMLLATCC EDDIVPHVLP FIKHEIKNPD WR YRDAAVMA FGCILEGPEP SQLKPLVIQA MPTLIELMKD PSVVVRDTAA WTVGRICELL PEAAINDVYL AP LLQCLIEG LSAEPRVASN VCWAFSSLAE AAYEAADVAD DQEEPATYCL SSSFELIVQK LLETTDRPDG HQNNLRSSAY ESLMEIVKNS AKDCYPAVQK TTLVIMERLQ QVLQMESH IQ STSDRIQFND LQSLLCATLQ NVLRKVQH QD ALQISDVVMA SLLRMFQSTA GSGGVQEDAL MAVSTLVEVL GGEFLKYMEA

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

FKPFLGIGLK NYAEYQVCLA AVGLVGDLCR ALQSNIIIFC DEVMQLLEN LGNENVHRSV
KPQILSVFGD IALAIGGEFK KYLEVVLNTL QQASQAQVDK SDYDMVDYLN ELRESCLEAY
TGIVQGLKGD QENVHPDVML VQPRVEFELS FIDHIAGDED HTDGVVACAA GLIGDLCTAF
GKDVLLKVEA RPMIHELLTE GRRSKTNKAK TLATWATKEL RKLKNQA

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Please minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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