

Recombinant Human KPNA2 Protein

Catalog #	Source	Reactivity	Applications
CRP1866	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human KPNA2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Phe529 is expressed with a 6His tag at the N-terminus.
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 1mM DTT, 20% Glycerol, pH 8.0.
Gene Symbol	KPNA2
Alternative Names	RCH1; SRP1; Importin subunit alpha-1; Karyopherin subunit alpha-2; RAG cohort protein 1; SRP1-alpha
Entrez Gene	3838 (Human)
SwissProt	P52292 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	<p>MGSSHHHHHH SGLVPRGSH MSTNENANTP AARLHRFKNK GKDSTEMRRR</p> <p>RIEVNVELRK AKKDDQMLKR RNVSSFPDDA TSPLQENRNN QGTVNWSVDD IVKGINSSNV</p> <p>ENQLQATQAA RKLLSREKQP PIDNIIRAGL IPKFVSFLGR TDCSPIQFES AWALTNIASG</p> <p>TSEQTKVVVD GGAIPAFISL LASPHAHISE QAVWALGNIA GDGSVFRDLV IKYGAVDPLL</p> <p>ALLAVPDMSS LACGYLRNLT WTLSNLCRNK NPAPPIDAVE QILPTLVRLH HHDDPEVLAD</p> <p>TCWAISYLTG GPNERIGMVV KTGVPVQLVK LLGASELPV TPALRAIGNI VTGTDEQTQV</p> <p>VIDAGALAVF PSLLTNPKN IQKEATWTMS NITAGRQDQI QQVNVHGLVP FLVSVLSKAD</p> <p>FKTQKEAVWA VTNYTSGGTV EQIVYLHCG IIEPLMNLTK AKDTKILVI LDAISNIFQA</p> <p>AENLGETEKL SIMIEECGGL DKIEALQNH NESVYKASLS LIEKYFSVEE EEDQNVVPET</p> <p>TSEGYTFQVQ DGAPGTFNF</p>

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

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

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