

RPPB3809

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## Product Information    Protein Information

**Product SKU:**

RPPB3809

**Accession:**

P52292

**Host:**

E.coli.

**Protein description:**

KPNA2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 553 amino acids (1-529) and having a molecular mass of 60.5kDa. KPNA2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Karyopherin subunit alpha 2 (RAG cohort 1 importin alpha 1), RCH1, QIP2, IPOA1, SRP1 alpha, RAG cohort protein 1, importin alpha 1, importin subunit alpha-2, importin-alpha-P1, pendulin.

**Formulation:**

The KPNA2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHMSTNEN ANTPAARLHR FKNKGKDSTE MRRRRIEVNV ELRKAKKDDQ  
MLKRRNVSSF PDDATSPLQE NRNNQGTWNW SVDDIVKGIN SSVNENQLQA TQAARKLLSR EKQPPIDNII  
RAGLIPKFVS FLGRTDCSPI QFESAWALTN IASGTSEQTK VVVDGGAIPA FISLLASPHA HISEQAVWAL  
GNIAGDGSVF RDLVIKYGAV DPLLALLAVP DMSSLACGYL RNLTWTLSNL CRKNKPAPPI DAVEQILPTL  
VRLHHDDPE VLADTCWAIS YLTDGPNERI GMVVKTGVVP QLVKLLGASE LPIVTPALRA IGNIVTGTDE  
QTQVVIDAGA LAVFPSLLTN PKTNIQKEAT WTMSNITAGR QDQIQQVVNH GLVPFLVSVL SKADFKTQKE  
AVWAVTNYTS GGTVEQIVYL VHCIIIEPLM NLLTAKDTKI ILVILDAISN IFQAAENLGE TEKLSIMIEE  
CGGLDKIEAL QNHENESVYK ASLSLIEKYF SVEEEDQNV VPETTSEGYT FQVQDGAPGT FNF.