

Product Name: Recombinant Human KPNA2 (N-6His)
Catalog #: PEH1051

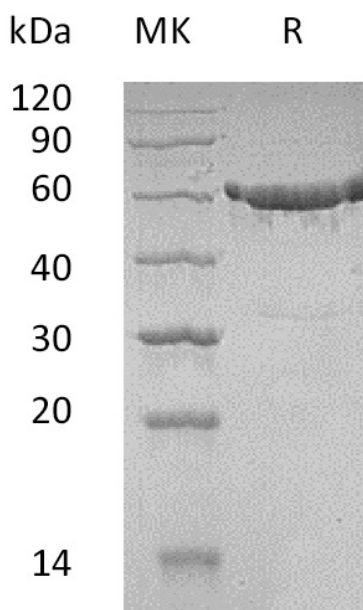


Summary

Name	KPNA2/RCH1/SRP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Karyopherin Subunit Alpha-2 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.
Accession #	P52292
Host	E.coli
Species	Human
Predicted Molecular Mass	60.04 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Glycine, 8% Sucrose, 20% Glycerol, 150mM NaCl, 0.1% Tween80, 2mM DTT, pH 3.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Importin Subunit Alpha-2; Karyopherin Subunit Alpha-2; RAG Cohort Protein 1; SRP1-Alpha; KPNA2; RCH1; SRP1

Background

Karyopherin Subunit α -2 (KPNA2) belongs to the importin alpha family. KPNA2 is widely expressed in many tissues and contains an N-terminal hydrophilic region, a hydrophobic central region composed of 10 repeats, and a short hydrophilic C-terminus. KPNA2 interacts with the NLSs of DNA helicase Q1 and SV40 T antigen and may be involved in the nuclear transport of proteins. KPNA2 also may play a role in V(D)J recombination. KPNA2 functions in nuclear protein importantly as an adapter protein for nuclear receptor KPNB1.

Note

For Research Use Only , Not for Diagnostic Use.