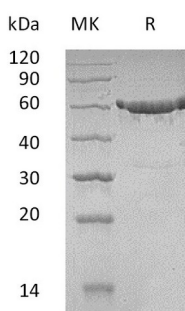


## Summary

<b>Name</b>	KPNA2/RCH1/SRP1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	P52292
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	60.04 KDa
<b>Formulation</b>	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.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	

## SDS-PAGE image



## Background

<b>Alternative Names</b>	Importin Subunit Alpha-2; Karyopherin Subunit Alpha-2; RAG Cohort Protein 1; SRP1-Alpha; KPNA2; RCH1; SRP1
<b>Background</b>	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

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

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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.