

## Recombinant Human KPNA2, His-tagged

Cat. No. KPNA2-1049H Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Importins are involved in nuclear import and belong to a separate class of Ran-GTP binding proteins. Importin $\alpha$ itself does not interact with the nuclear pore complex but functions as an adaptor that binds importin $\beta$ . It is required to mediate binding of substrates to their receptors. Importin $\alpha$ binds directly to the nuclear localization signal of substrates. MW = 57.86 kDa.
<b>Purity</b>	> 95% by SDS-PAGE.
<b>Form</b>	Liquid. Supplied in 50 mM Tris-HCl pH 7.5, and 2 mM DTE.
<b>Storage</b>	Quality guaranteed for 12 months. Store at -80°C. Avoid freeze / thaw cycles.
<b>Usage</b>	For in vitro use only.

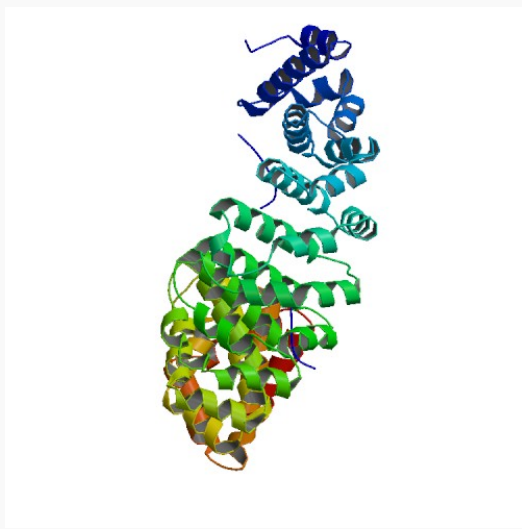
### GENE INFORMATION

<b>Gene Name</b>	KPNA2 karyopherin alpha 2 (RAG cohort 1, importin alpha 1) [ Homo sapiens ]
<b>Synonyms</b>	karyopherin alpha 2 (RAG cohort 1, importin alpha 1); QIP2; RCH1; IPOA1; SRP1alpha; KPNA2; karyopherin alpha 2; pendulin; RAG cohort 1; importin alpha 1; importin alpha 2 importin-alpha-P1; Karyopherin subunit alpha-2; RAG cohort protein

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	1
<b>Gene ID</b>	3838
<b>mRNA Refseq</b>	NM_002266
<b>Protein Refseq</b>	NP_002257
<b>MIM</b>	600685
<b>UniProt ID</b>	P52292
<b>Chromosome Location</b>	17q24.2
<b>Function</b>	histone deacetylase binding; nuclear localization sequence binding; protein binding; protein transporter activity
<b>PDB rendering based on 1ejl.</b>	

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