

Recombinant Human KPNA2, His-tagged

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

SPECIFICATION

Product Overview

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

GENE INFORMATION

Gene Name	KPNA2 karyopherin alpha 2 (RAG cohort 1, importin alpha 1) [Homo sapiens]
Synonyms	karyopherin alpha 2 (RAG cohort 1, importin alpha 1); QIP2; RCH1; IPOA1;

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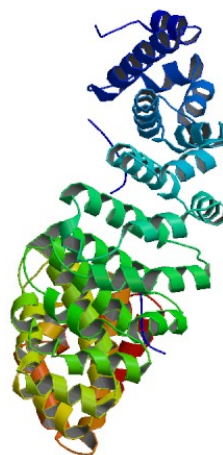
	SRP1alpha; KPNA2; karyopherin alpha 2; pendulin; RAG cohort 1; importin alpha 1; importin alpha 2 importin-alpha-P1; Karyopherin subunit alpha-2; RAG cohort protein 1
Gene ID	3838
mRNA Refseq	NM_002266
Protein Refseq	NP_002257
MIM	600685
UniProt ID	P52292
Chromosome Location	17q24.2
Function	histone deacetylase binding; nuclear localization sequence binding; protein binding; protein transporter activity

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