Datasheet for ABIN7318701

KPNA2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	KPNA2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This KPNA2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human KPNA2 Protein (His Tag)
Sequence:	Met 1-Phe529
Characteristics:	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.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	KPNA2
Alternative Name:	KPNA2 (KPNA2 Products)
Background:	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

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Target Details

	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. Synonym: Importin Subunit Alpha-2, Karyopherin Subunit Alpha-2, RAG Cohort Protein 1, SRP1-Alpha, KPNA2, RCH1, SRP1
Molecular Weight:	60.0 kDa
UniProt:	P52292
Pathways:	M Phase, Protein targeting to Nucleus

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl,1 mM DTT,20 % Glycerol, pH 8.0 .
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.