



## KPNA3 blocking peptide (CDBP5653)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The transport of molecules between the nucleus and the cytoplasm in eukaryotic cells is mediated by the nuclear pore complex (NPC), which consists of 60-100 proteins. Small molecules (up to 70 kD) can pass through the nuclear pore by nonselective diffusion while larger molecules are transported by an active process. The protein encoded by this gene belongs to the importin alpha family, and is involved in nuclear protein import. [provided by RefSeq, Jan 2009]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">KPNA3 karyopherin alpha 3 (importin alpha 4) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KPNA3
<b>Synonyms</b>	KPNA3; karyopherin alpha 3 (importin alpha 4); SRP1; SRP4; IPOA4; hSRP1; SRP1gamma; importin subunit alpha-4; qip2; SRP1-gamma; importin alpha 4; importin alpha-3; importin alpha Q2; importin-alpha-Q2; importin subunit alpha-3; karyopherin subunit alpha-3

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<b>Entrez Gene ID</b>	<a href="#">3839</a>
<b>mRNA Refseq</b>	<a href="#">NM_002267</a>
<b>Protein Refseq</b>	<a href="#">NP_002258</a>
<b>UniProt ID</b>	O00505
<b>Pathway</b>	Antiviral mechanism by IFN-stimulated genes; Cytokine Signaling in Immune system; ISG15 antiviral mechanism; Immune System; Interferon Signaling; TNF-alpha/NF-kB Signaling Pathway
<b>Function</b>	nuclear localization sequence binding; protein C-terminus binding; protein binding; protein transporter activity

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