

Product datasheet for **TP327373**

KPNA7 (NM_001145715) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens karyopherin 7 (KPNA7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227373 representing NM_001145715 Red =Cloning site Green =Tags(s)

MPTLDAPEERRRKFYRGKDVSLRRQQRMAVSLELRKAKKDEQTLKRRNITSFCPDTPSEKTAKGVAVSL
TLGEIIKGVNSSDPVLCFQATQTARKMLSQEKNPPLKLVIEAGLIPRMVEFLKSSLYPCLQFEAAWALTN
IASGTSEQTRAVVEGGAIQPLIELLSSSNVAVCEQAVWALGNIAGDGPFRDNVITSNAIPHLLALISPT
LPITFLRNITWTLSNLCRNKNPYPCDTAVKQILPALLHLLQHQDSEVLSDACWALSYLTDGSNKRIGQVW
NTGVLPRLVVMTSSELNVLTPSLRTVGNIVTGTDEQTQMAIDAGMLNVLPQLLQHNKPSIQKEAAWALS
NVAAGPCHHIQQLLAYDVLPLVALLKNGEFKVQKEAVWMVANFATGATMDQLIQLVHSGVLEPLVNLTT
APDVKIVLIILDVISCILQAAEKRSEKENLCLLIEELGGIDRIEALQLHENRQIGQSALNIIKHFGEEE
DESQTLLSQVIDQDYEFIDYECLAKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001139187](#)

Locus ID: 402569

UniProt ID: [A9QM74](#)

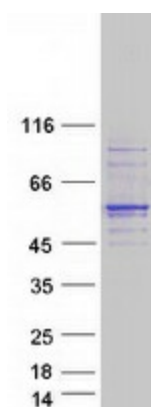
Cytogenetics: 7q22.1

RefSeq ORF: 1548

Synonyms: IPOA8

Summary: 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, but exhibits different nuclear localization signal binding specificity compared to other members of the family. A pseudogene of this gene has been defined on chromosome 5. [provided by RefSeq, Jul 2016]

Product images:



Coomassie blue staining of purified KPNA7 protein (Cat# TP327373). The protein was produced from HEK293T cells transfected with KPNA7 cDNA clone (Cat# [RC227373]) using MegaTran 2.0 (Cat# [TT210002]).