

Product datasheet for **TP307314L**

KPNA3 (NM_002267) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human karyopherin alpha 3 (importin alpha 4) (KPNA3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207314 protein sequence Red =Cloning site Green =Tags(s)

MAENPSLENHRIKSFKNKGRDVETMRRHRNEVTVELRKNKRDEHLLKRNVPQEESELESDVDADFKAQN
VTLEAILQNATSDNPVVQLSAVQAARKLLSSDRNPPIDDLIKSGILPILVKCLERDDNPSLQFEAAWALT
NIASGTSAQTDIVQSNAVPLFLRLLRSPHQNVCEQAVWALGNIIGDGPQCRDYVISLGVVKPLLSFISP
SIPITFLRNVTWVIVNLCRNKDPMPMETVQEILPALCVLIYHTDINILVDTVWALSYLTDGGNEQIQMV
IDSGVVPFLVPLLSHQEVKVTAAALRAVGNIVTGTDEQTQVVLNCDVLSHFQNLSSHPEKINKEAWWFL
SNITAGNQQVQVAVIDAGLIPMIHQKLAGDFGTQKEAAWISNLTISGRKDQVEYLVQQDVIPPFCNLL
SVKDSQVQVVDGLKNILIMAGDEASTIAEIIIECGGLEKIEVLQQHENEDIYKLAFEIIDQYFSGDDI
DEDPLCIPEATQGGTYNFDPTANLQTKEFNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	57.6 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_002258](#)

Locus ID: 3839

UniProt ID: [O00505](#), [A0A024RDV7](#)

RefSeq Size: 4478

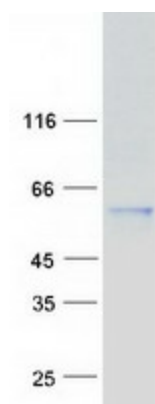
Cytogenetics: 13q14.2

RefSeq ORF: 1563

Synonyms: hSRP1; IPOA4; SRP1; SRP1gamma; SRP4

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. [provided by RefSeq, Jan 2009]

Product images:



Coomassie blue staining of purified KPNA3 protein (Cat# [TP307314]). The protein was produced from HEK293T cells transfected with KPNA3 cDNA clone (Cat# [RC207314]) using MegaTran 2.0 (Cat# [TT210002]).