

Recombinant Human TNPO1 Protein, His-tagged

Cat. No. TNPO1-342H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNPO1(Lys626~Val836) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys626~Val836
Description	This gene encodes the beta subunit of the karyopherin receptor complex which interacts with nuclear localization signals to target nuclear proteins to the nucleus. The karyopherin receptor complex is a heterodimer of an alpha subunit which recognizes the nuclear localization signal and a beta subunit which docks the complex at nucleoporins. Alternate splicing of this gene results in two transcript variants encoding different proteins.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	24.7kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	TNPO1 transportin 1 [Homo sapiens]
Official Symbol	TNPO1
Synonyms	TNPO1; transportin 1; karyopherin (importin) beta 2 , KPNB2; transportin-1; importin 2; IPO2; MIP; MIP1; TRN; importin beta 2; importin beta-2; karyopherin beta-2; M9 region interaction protein; karyopherin (importin) beta 2; KPNB2;
Gene ID	3842
mRNA Refseq	NM_002270
Protein Refseq	NP_002261
MIM	602901

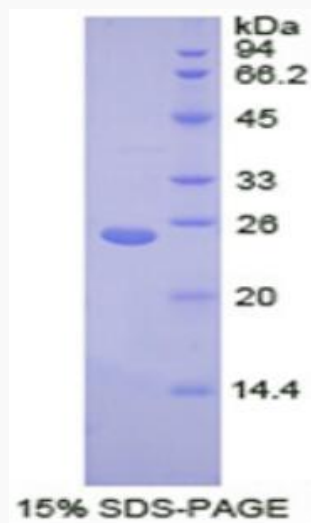
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UniProt ID

Q92973

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