

Recombinant Human TNPO3

Cat. No. TNPO3-31582TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein fragment corresponding to amino acids 1-605 of Human TNPO3 with a propeitrary tag.
Species	Human
Source	Wheat Germ
ProteinLength	255 amino acids
Description	The protein encoded by this gene is a nuclear import receptor for serine/arginine-rich (SR) proteins such as the splicing factors SFRS1 and SFRS2. The encoded protein has also been shown to be involved in HIV-1 infection, apparently through interaction with the HIV-1 capsid protein. Two transcript variants encoding different isoforms as well as a noncoding transcript have been found for this gene.
Molecular Weight	92.620kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

MEGAKPTLQLVYQAVQALYHDPDPSGKERASFWLGELQRSVHAWEISDQLLQIRQD
VESCYYAAQTMKMKIQTSFYELPTDSHASLRDSSLTHIQNLKDLSPVIVTQLALAIADL
ALQMPSWKGCVQTLVEKYSNDVTSLPFLLEILTVLP EEVHSRSLRIGANRRTEIIEDLA
FYSSTVVSLLMTCVEKAGTDEKMLMKVFRCLGSWFNLGVLD SNFMANNKLLALLFE
VLQQDKTSSNLHEAASDCVCSALYA

GENE INFORMATION

Gene Name TNPO3 transportin 3 [Homo sapiens]

Official Symbol TNPO3

Synonyms TNPO3; transportin 3; transportin-3; importin 12; IPO12; MTR10A; TRN SR; TRN SR2;

Gene ID 23534

mRNA Refseq NM_001191028

Protein Refseq NP_001177957

MIM 610032

Uniprot ID Q9Y5L0

Chromosome Location 7q32.2

Function protein binding; receptor activity;

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