

## Recombinant Human TNPO3

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein fragment corresponding to amino acids 1-605 of Human TNPO3 with a propeitary tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	255 amino acids
<b>Description</b>	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.
<b>Molecular Weight</b>	92.620kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids**

MEGAKPTLQLVYQAVQALYHDPDPSGKERASFWLGELQRSVHAWEISDQLLQIRQD  
 VESCYFAAQTMKMKIQTSFYELPTDSHASLRDSSLTHIQNLKDLSPVIVTQLALAIADL  
 ALQMPSWKGCVQTLVEKYSNDVTSLPFLLEILTVLPEEVHSRSLRIGANRRTEIIEDLA  
 FYSSTVVSLLMTCVEKAGTDEKMLMKVFRCLGSWFNLGVLDNSNFMANNKLLALLFE  
 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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