

Product datasheet for **RC231428L3V**

TNPO3 (NM_001191028) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TNPO3 (NM_001191028) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TNPO3
Synonyms:	IPO12; LGMD1F; LGMDD2; MTR10A; TRN-SR; TRN-SR2; TRNSR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001191028
ORF Size:	2577 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC231428).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001191028.2
RefSeq ORF:	2580 bp
Locus ID:	23534
UniProt ID:	Q9Y5L0
Cytogenetics:	7q32.1
Protein Families:	Druggable Genome
MW:	97.8 kDa


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Gene Summary:

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. Several protein-coding and non-coding transcript variants have been found for this gene. [provided by RefSeq, Apr 2020]