Product datasheet for RC218884L4V

Transportin 1 (TNPO1) (NM_002270) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Transportin 1 (TNPO1) (NM_002270) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Transportin 1
Synonyms:	IPO2; KPNB2; MIP; MIP1; TRN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002270
ORF Size:	2694 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218884).
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_002270.3
RefSeq Size:	8559 bp
RefSeq ORF:	2697 bp
Locus ID:	3842
UniProt ID:	Q92973
Cytogenetics:	5q13.2
Domains:	Armadillo_seg, IBN_NT
Protein Families:	Druggable Genome

View online »

MW: 102.2 kDa

Gene Summary: 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 several transcript variants encoding different proteins. [provided by RefSeq, Jun 2018]