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Product datasheet for RC205979L1V

RanBP16 (XPO7) (NM_015024) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RanBP16 (XPO7) (NM_015024) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RanBP16
Synonyms:	EXP7; RANBP16
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_015024
ORF Size:	3261 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC205979).`
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_015024.2
RefSeq Size:	4880 bp
RefSeq ORF:	3264 bp
Locus ID:	23039
UniProt ID:	Q9UIA9
Cytogenetics:	8p21.3
Domains:	IBN_NT
Protein Families:	Druggable Genome

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MW: 124 kDa

Gene Summary: The transport of protein and large RNAs through the nuclear pore complexes (NPC) is an energy-dependent and regulated process. The import of proteins with a nuclear localization signal (NLS) is accomplished by recognition of one or more clusters of basic amino acids by the importin-alpha/beta complex; see MIM 600685 and MIM 602738. The small GTPase RAN (MIM 601179) plays a key role in NLS-dependent protein import. RAN-binding protein-16 is a member of the importin-beta superfamily of nuclear transport receptors.[supplied by OMIM, Jul 2002]