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Product datasheet for RC213533L1V

MVP (NM_017458) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MVP (NM_017458) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MVP
Synonyms:	LRP; VAULT1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_017458
ORF Size:	2679 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC213533).`
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_017458.2
RefSeq Size:	2857 bp
RefSeq ORF:	2682 bp
Locus ID:	9961
UniProt ID:	Q14764
Cytogenetics:	16p11.2
Domains:	Vault
Protein Families:	Druggable Genome

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MW: 99.1 kDa

Gene Summary: This gene encodes the major component of the vault complex. Vaults are multi-subunit ribonucleoprotein structures that may be involved in nucleo-cytoplasmic transport. The encoded protein may play a role in multiple cellular processes by regulating the MAP kinase, JAK/STAT and phosphoinositide 3-kinase/Akt signaling pathways. The encoded protein also plays a role in multidrug resistance, and expression of this gene may be a prognostic marker for several types of cancer. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012]