

Product datasheet for **MR210985L4V**

Mvp (NM_080638) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

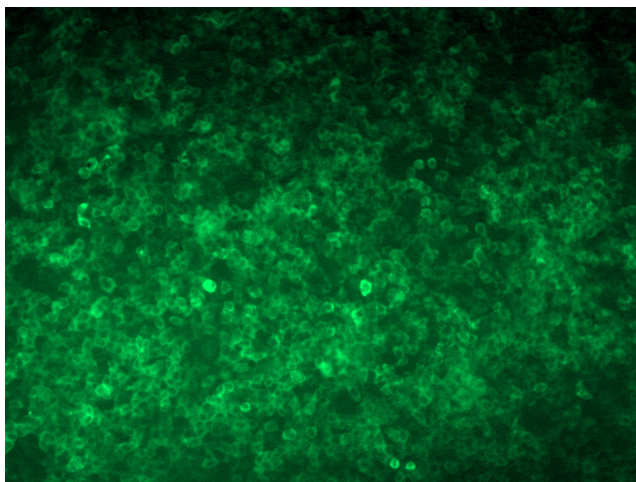
Product Type:	Lentiviral Particles
Product Name:	Mvp (NM_080638) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mvp
Synonyms:	2310009M24Rik; LRP; VAULT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080638
ORF Size:	2586 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210985).
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_080638.1 , NP_542369.1
RefSeq Size:	2810 bp
RefSeq ORF:	2613 bp
Locus ID:	78388
Cytogenetics:	7 F3



[View online »](#)

Gene Summary:

Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleocytoplasmic transport. Down-regulates IFNG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:

[MR210985L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR210985L4V particle to overexpress human Mvp-mGFP fusion protein.