

Product datasheet for **MR210985**

Mvp (NM_080638) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mvp (NM_080638) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mvp
Synonyms:	2310009M24Rik; LRP; VAULT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210985 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAACTGAAGAGGCCATCATCCGCATCCCCCATACCACTACATCCATGTGCTGGACCAGAACAGTA
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Protein Sequence: >MR210985 protein sequence
 Red=Cloning site Green=Tags(s)

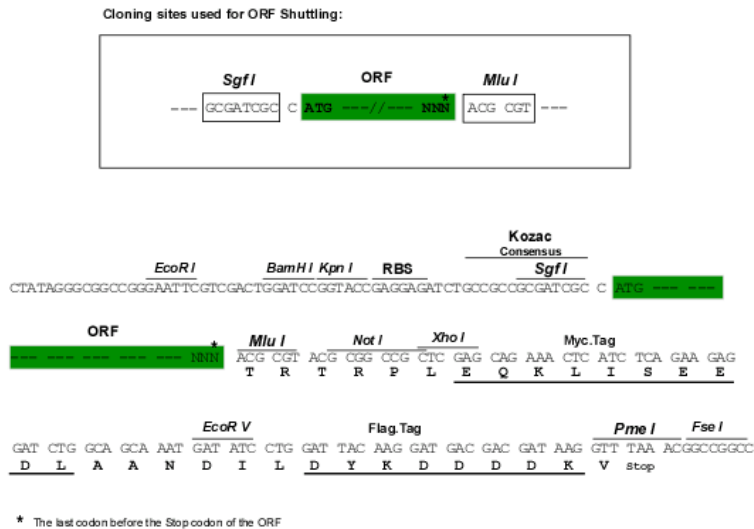
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Restriction Sites:

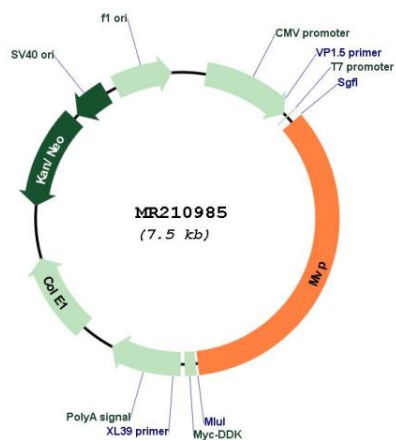
Sgfl-MluI

Cloning Scheme:



ACCN:	NM_080638
ORF Size:	2586 bp
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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_080638.1 , NM_080638.2 , NP_542369.1
RefSeq Size:	2810 bp
RefSeq ORF:	2613 bp
Locus ID:	78388
Cytogenetics:	7 F3
MW:	95.9 kDa
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:



Circular map for MR210985