

Product datasheet for MC225581

Mpv17l (NM_001289563) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpv17l (NM_001289563) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpv17l
Synonyms:	M-LP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225581 representing NM_001289563 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCGTTCTCCAGGGGAAGGATGACATATTTTGGACCTGAAGCAGAAATCTGGAATACGTATAAGA
 GTGGTCTCATGTACTGGCCCTTTGTGCAGCTGACCAACTTCAGCCTTGTCCCTGTGCACTGGAGGACAGC
 ATATACGGGACTCTGTGCCTTTCTCTGGGCCACCTTCCTATGCTTTTCACAGCAGAGCGGCGATGGTACA
 CTGCAGTCCATATTCATCTTCCTTCGAGGAAGGAGGCGAGTGATAAGTCCCCAGAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001289563
Insert Size:	273 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.


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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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001289563.1 , NP_001276492.1
RefSeq Size:	3052 bp
RefSeq ORF:	273 bp
Locus ID:	93734
UniProt ID:	Q99MS3
Cytogenetics:	16 A1
Gene Summary:	Isoform 1 and isoform 3 participate in reactive oxygen species metabolism by up- or down-regulation of the genes of antioxidant enzymes.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (4) has a shorter N-terminus, compared to isoform 1. Variants 4, 5 and 6 encode the same isoform (4). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.