

Product datasheet for MC225593

Pmp22 (NM_001302261) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pmp22 (NM_001302261) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pmp22
Synonyms: 22kDa; Gas-3; HNPP; Tr; trembler
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225593 representing NM_001302261
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATCCTGTCTGTCATCTTCAGCGTCCTGGCTCTGTTCTTCTTCTGCCAGCTCTTCACTCTACCA
 AAGGCGGCCGGTTTTACATCACTGGATTCTTCAAATCCTTGCTGGTCTGTGCGTGATGAGTGCAGCGGC
 CATCTACACAGTGAGGCACAGTGAGTGGCATGTCAACACTGACTACTCCTATGGCTTCGCCTACATCCTG
 GCCTGGGTGGCCTTCCCTAGCCCTCCTCAGTGGTATCATCTATGTGATCCTGCGGAAACGCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001302261
Insert Size: 279 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:	<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:	<u>NM_001302261.1</u> , <u>NP_001289190.1</u>
RefSeq Size:	1716 bp
RefSeq ORF:	279 bp
Locus ID:	18858
Cytogenetics:	11 38.99 cM
Gene Summary:	<p>Might be involved in growth regulation, and in myelination in the peripheral nervous system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (7) uses an upstream alternate 5'-terminal exon and lacks a 5' coding exon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform 1.</p>