

Product datasheet for **RN210507**

Pmp22 (NM_017037) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pmp22 (NM_017037) Rat Untagged Clone
Tag: Tag Free
Symbol: Pmp22
Synonyms: Gas-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210507 representing NM_017037
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTTCTACTCTTGTTGGGGATCCTGTTCCCTCACATCGCGGTGCTAGTGTGCTCTTCGTCCTCCACCA
TCGTCAGCCAATGGCTCGAGGGCAATGGACACAGGACTGATCTCTGCCAGAACTGTACCACATCCGCCTT
GGGAGCCGTCAGCACTGCTACTCCTCATCTGTGAGCGAATGGCTTCAGTCTGTCCAGGCCACCATGATC
CTGTCTGTCACTTCAGGTCCTGTCCCTGTTCTTCTGCCAGCTCTCACTCTCACAAAGGCG
GCCGCTTTTACATCACTGGAGTCTTCAAATCCTTGTGGTCTGTGTGTGATGAGTGCAGCGGCCATCTA
CACAGTGAGACACAGTGAGTGGCATGTCAACAACGACTACTCCTATGGCTTTGCTTACATCCTGGCCTGG
GTGGCTTTCCCGCTGGCCCTCCTTAGTGGCATCATCTACGTGATCCTGCCGAAACGCGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_017037
Insert Size: 483 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).



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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_017037.1, NP_058733.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	483 bp
Locus ID:	24660
UniProt ID:	<u>P25094</u>
Cytogenetics:	10q23
Gene Summary:	mediates Schwann cell growth and peripheral myelin compaction; human homolog gene duplication causes Charcot-Marie-Tooth 1A (CMT1A) neuropathy [RGD, Feb 2006]