

Product datasheet for SC334064

PMP22 (NM_001281456) Human Untagged Clone

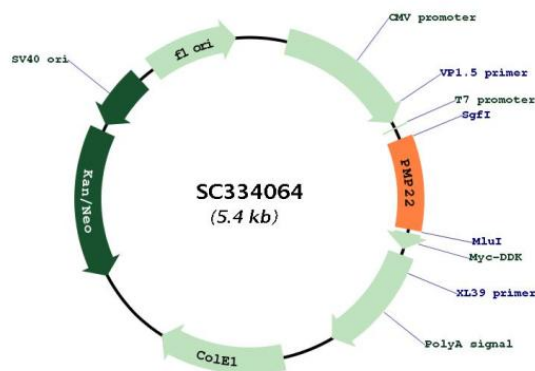
Product data:

Product Type:	Expression Plasmids
Product Name:	PMP22 (NM_001281456) Human Untagged Clone
Tag:	Tag Free
Symbol:	PMP22
Synonyms:	CIDP; CMT1A; CMT1E; DSS; GAS-3; GAS3; HMSNIA; HNPP; Sp110
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC334064 representing NM_001281456. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCTCCTCTGTTGCTGAGTATCATCGTCTCCACGTCGCGGTGCTGGTCTGCTGTTCTCGTCTCCAGC
ATCGTCAGCCAATGGATCGTGGGCAATGGACACGCAACTGATCTCTGCCAGAACTGTAGCACCTCTTCC
TCAGGAAATGTCCACCACTGTTTCTCATCATCACCAAACGAATGGCTGCAGTCTGTCCAGGCCACCATG
ATCCTGTCGATCATCTTCAGCATTCTGTCTCTGTTCTTCTGTTCTTCTGCCAACTCTTCACCCTCACCAAG
GGGGCAGGTTTTACATCACTGGAATCTTCCAAATCTTGCTGGTCTGTGCGTGATGAGTCTGCGGCC
ATCTACACGGTGAGGCACCCGGAGTGGCATCTCAACTCGGATTACTCTACGGTTTCGCCTACATCCTG
GCCTGGGTGGCCTTCCCCTGGCCCTTCTCAGCGGTGTCATCTATGTGATCTTCCGGAAACGCGAATGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



[View online »](#)

ACCN:	NM_001281456
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).
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_001281456.1
RefSeq Size:	1857 bp
RefSeq ORF:	483 bp
Locus ID:	5376
UniProt ID:	Q01453
Cytogenetics:	17p12
Protein Families:	Transmembrane
MW:	17.9 kDa
Gene Summary:	<p>This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, compared to variant 1. Variants 1-5 encode the same isoform (1).</p>