

Product datasheet for SC113389

PXMP2 (NM_018663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PXMP2 (NM_018663) Human Untagged Clone
Tag:	Tag Free
Symbol:	PXMP2
Synonyms:	MPV17L3; PMP22
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113389 sequence for NM_018663 edited (data generated by NextGen Sequencing)

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ATGGCGCCGGCCGCTCCAGGCTGCGGGCCGAAGCCGGGCTCGGGGCGCTGCCGCGGCGG
GCGCTCGCCAGTACTTGCTCTTCTGCGGCTCTACCCGGTGCTACCAAGGCGGCCACC
AGTGGCATTGTCAGCACTTGGGAACCTCCTGGCCAGATGATTGAGAAGAAGCGGAAA
AAAGAAAAGTCTAGAAGTCTGGATGTCGGTGGCCTCTGAGATATGCCGTTTACGGGTTT
TTCTTACAGGGCCGCTGAGTCACTTCTTCTACTTCTTTCATGGAACATTGGATCCCTCT
GAGGTCCCCTGGCAGGGCTCAGGAGGCTTCTCCTGGACCGCCTCGTCTTGCACCGGCC
TTCCTCATGTTGTTCTTCTCATCATGAACTTCTGGAGGGGAAAGACGCCTCAGCCTTC
GCCCAAGATGAGGGGGGCTTCTGGCCGGCGCTGAGGATGAACTGGCGGTGTGGACG
CCACTACAGTTCATCAACATCAACTACGTCCTCTGAAGTCCGGGTGCTCTTCGCCAAC
CTGGCAGCTCTGTCTGGTATGCCTACCTGGCCTCCTTGGGGAAGTGA

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Clone variation with respect to NM_018663.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018663 unedited GGGGTCGGAATTTGTATACGACTCCTATAGGGCGGCCGCGAATTCGCACGAGCCCCGGCG GCACGGCGCTGGGGAGGCGATGGCGCCGGCCGCTCCAGGCTGCGGGCCGAAGCCGGGCT CGGGGCGCTGCCGCGGGGCGCTCGCCAGTACTTGCTTCTCTGCGGCTCTACCCGGT GCTCACCAAGGCGGCCACCAGTGGCATTGTCAGCACTTGGGAACCTTCTGGCCACAT GATTGAGAAGAAGCGAAAAAAGAAAACTCTAGAAGTCTGGATGTCGGCGGGCCTCTGAG ATATGCCGTTTACGGTTCTTCTTACAGGGCCGCTGAGTCACTTCTTCTACTTCTTCAT GGAACATTGGATCCCTCCTGAGGTCCCCCTGGCAGGGCTCAGGAGGCTTCTCCTGGACCG CCTCGTCTTTGCACCGGCTTCTCATGTTGTTCTTCTCATCATGAACTTTCTGGAGGG GAAAGACGCCTCAGCCTTCGCCCAAGATGAGGGGGGGCTTCTGGCCGGCGCTGAGGAT GAACTGGCGGGTGTGGACGCCACTACAGTTCATCAACATCAACTACGTCCTCTGAAGCT CCGGGTGCTCTTCGCCAACCTGGCAGCTCTGTTCTGGTATGCCTACCTGGCCTCCTTGNG GAAGTGACGACCCTGGGAGACATCAAGTGCACGTGGACGTGGGTCTCGTGGGTCTCAC CCGCCAGCGAGAGCAGAACCATCCAGTCAGGATGTCACCTGACTTAAATCAGGTGATTC AAGATGCCANACATGATGGATAGAGACAACAGAATCTCTGAATGTCAGAACCTGTCTT TAAAAGCGAGTCTGCCTTAAAGTTGGTGTGCCCGNAGAACTAAAAGTTAGCCGAGC AGTTTCAATTGTTACTGTGGACCGATTANGATCCATAACGTNAA
Restriction Sites:	NotI-NotI
ACCN:	NM_018663
Insert Size:	1000 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_018663.1 , NP_061133.1
RefSeq Size:	977 bp
RefSeq ORF:	588 bp
Locus ID:	5827
UniProt ID:	Q9NR77
Cytogenetics:	12q24.33
Domains:	Mpv17_PMP22
Protein Families:	Transmembrane

Gene Summary:

Seems to be involved in pore-forming activity and may contribute to the unspecific permeability of the peroxisomal membrane.[UniProtKB/Swiss-Prot Function]