

Product datasheet for MC218390

Prpsap1 (NM_026364) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpsap1 (NM_026364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpsap1
Synonyms:	5730409F23Rik; PAP39
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC218390 representing NM_026364 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAGGAAGCTGCTGCTGCTGCCCCGCTGTCGCGTGCTCTGCTCTGCGTGTCCCGGGGCTCGGC
CCGCCGCTCGCCGCCATGAACGCAGCCCGCACCGGCTACCGAGTCTTCTCGCCAACCTCACGGCCGC
CTGCACGGAAGTGGCCAAGCGCATCACTGAGCGTCTTGGTGTGAATTGGGAAATCTGTGTATATCAG
GAGACCAATGGAGAAACAAGAGTTGAAATCAAAGAATCTGTTCGTGGCCAAGATATTTTCATTATACAGA
CAATACCCAGAGATGTGAATACGGCTGTGATGGAGCTGCTGATCATGGCGTATGCACTGAAGACCGCCTG
CGCCAGGAATATCATTGGCGTCATCCCCTACTCCCCTACAGCAAGCAAAGCAAGATGCGCAAGAGGGGC
TCCATTGTGTGCAAGCTCCTGGCATCCATGCTGGCGAAAGCTGGTTAACTCACATTATCACTATGGACC
TCCACAAAAGGAAATACAAGGCTTTTTCAGCTTTCCCGTGGACAACCTTAGAGCCTCACTTTCTGCT
TCAGTATATCCAGGAAGAAATCCAAATTACAGAAATGCAGTCATTGTAGCTAAGTCTCCTGATGCTGCA
AAAAGGGCTCAGTCCATGCTGAAAGGCTCCGCCCTGGGGCTGGCTGTGATCCACGGAGAAGCGCAGTGTA
CAGAGCTGGATATGGACGACGGTCGGCACTCCCACCCATGGTCAAGAACGCCACGGTGCACCCAGCCT
GGAGCTGCCCTTAATGATGGCCAAAGAGAAGCCACCAATAACAGTGGTTCGGAGACGTCGGGGGACGCAAT
GCGATTATAGTGGATGACATCATTGATGACGTGGAGAGCTTTGTTGCTGCTGCAGAGATCCTGAAAGAGA
GAGGTGCTTACAAGATCTATGTCATGGCCACGCACGGCATCCTGTCTGCTGAAGCCCCCGTCTGATTGA
GGAGTCCCCCATTGATGAGGTGGTGGTACAAACACTGTCCTCATGAACTTCAGAACTACAGTGTCCC
AAGATAAAGACTGTGGACATCAGCCTGATTCTTCTGAGGCGATTCGGAGAATCCACAATGGAGAGTCTA
TGGCTTACCTCTCCGGAACATCACAGTGGATGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_026364
Insert Size:	1158 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:	<u>NM_026364.1</u> , <u>NP_080640.1</u>
RefSeq Size:	1868 bp
RefSeq ORF:	1158 bp
Locus ID:	67763
UniProt ID:	<u>Q9D0M1</u>
Cytogenetics:	11 E2
Gene Summary:	Seems to play a negative regulatory role in 5-phosphoribose 1-diphosphate synthesis. [UniProtKB/Swiss-Prot Function]