

Product datasheet for **MC217484**

Psap11 (NM_175249) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Psap11 (NM_175249) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Psap11
Synonyms:	2310020A21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217484 representing NM_175249
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCACTATGCTGTGCCTCTGATTCTCTGGTCTGGCCTCCTGGGGCTGCCAGGGCCAGCCCCATCT
 CAGTTCGCCGTGAGTGTGCCAAGGGTTCGGAGGTATGGTGTGAGGACCTGCAGGCAGCTGCAAAGTGTGC
 GGCCGTGAGGCACTGCCAGAGTGTCTGCTGGAACAAGCCACAGTCAAGTCCCTGCCCTGCAGTGTGTGC
 CAGGATGTGGCCGCGCTGCTGGCAATGGGGTGAACCCAGGTGCTACAGAGTCGGATATTTTGACATCAG
 TAATGAAGACCTGTGAGTGGCTTCCAAGCCAGGAGTCTTCAGCTAAGTGAAGTGGATGGTGAACAACCA
 CAGCGCAGCTGCTCTGAGCATGCTCAGTGGCGCTCAGGAGACTGACCTGGCTTCTGTGTGACTGCGCTC
 ACCCTCTGTGAACCATTACAGAGGCACCTAGCTGAGACTACCTCGGAGAGACCGCTGACCCAGGAGGATG
 CAAATGAGGTGATGGCCCCATTCTATCCAACGGGGCGTTGAGCTTCCACCCATCACAGATGCCTGAAGG
 TGCTGTGTGTCATGATTGTGTCCAGCTGATCTCCTTGCTCCAGGATGCTCTAGAGTCTAATTTGACCTTG
 GCAGAGGTAAGTTCAGAAATCAGTGTGCTCAGTCCATGGGGCCTGGCTGGCTGCCCTCTGGGAGAACTACA
 TCCACCGGCAGTTTGTCCCTGCTAAGCAAACATTGCAGGGTCTCCCCCACAGGAGGTCTGCAGGAAGGG
 GGGCTTCTGTGAGAGAGAGTCTGCCCACTGGCTGACTCGAGTGGCCGCTGTGGATGGAGTCCCCTCTCTG
 GAGATGGAGATGCCGAGGACGAATGAGTTGCAGATGCAGTTGGGCCTGACGTGCGACGTGTGCTTGAAC
 TGGTCCAGGAGCTGGACAAGTGGCTTGTGACCAACAGCACAGAAGCTCTCATCAGCCACACACTGGAGCG
 AGTGTGCACCGTAGTGCCCGAGCCTCTAGTCCAACAGTGCATCACCTGGTAGACACCTACAGCCCTGAA
 TTGGTGCAGCTCATGTCAAAGTCAACCCAGAGAAAGTATGTGAGACCATCAAGCTGTGTGGCAGCAAAA
 GGCGGGCCAGGTCATCTCCAGGGCTGTGGCAACCACACCATCCCTGCCGGTGGATGAGGAAAACAGGG
 CAGCTTCTGCCAAGGGTGCAAAAGGCTGTGGCATGTCTTCCCAGAATCTGGACCACAAGAGACCAAG
 CGGGACATTCTGAATGCCTTCAAAGGTGGCTGCCGGATCCTGCCGTTGCCTTATGTGATGCAGTGAACC
 GTTTTGTGGCCGAGTATGAACCTGTGCTCATAGAGAGCCTCAAGTTCATGATGAACCCACGGACCTATG
 CAAGAAGATGGGGCCTGCCACGGCCCTAAGACTCCACTTCTAGGCACAGATCAGTGCATGAGGCCCC
 AGCTTCTGGTGAAGAGCCAGAGGCCGCTGAAATGTGTAATGCCCTGGAACACTGCCAGCGCCTCGTGT
 GGAAAAAGCCGCTCTCCAAAATCAACGAGCAGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_175249

Insert Size: 1578 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:

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_175249.3](#), [NP_780458.2](#)

RefSeq Size: 2548 bp

RefSeq ORF: 1578 bp

Locus ID: 76943

UniProt ID: [Q8C1C1](#)

Cytogenetics: 5 B3

Gene Summary: May activate the lysosomal degradation of sphingolipids.[UniProtKB/Swiss-Prot Function]