

Product datasheet for MC201178

Ppt2 (NM_019441) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppt2 (NM_019441) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ppt2
Synonyms: 0610007M19Rik; AA672937
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013462 sequence for NM_019441
 CCCACGCGTCCGCCACGCGTCCGATACGGACCAGGAGTAGGAGCGGAGGCCGGAGAGTTGCTTGCTGTG
 AGTCTGTTGGGAGTGGAGAGGCGTCGTCCCTCACGGCCTCTCGTTCCCTCTCAGTGAGGAGCATGCCG
 GGGCTATGGAGGAGAGGCTTCCTTCGGCTTGGGCTTTGCTTCTCCTGCGGTTCCCTGCCGCTGCTGATGC
 CCGCAGCCCCCGCAGCCACCGCGGGTCTACAAGCCCGTGATCGTGGTGACAGGCTCTTTGACAGTTC
 ATACAGCTCCGCCACCTGCTGGACTATATCAATGAGACACACCCGGGACTGTGGTGACAGTGCTTGAT
 CTCTTCGATGGCAGAGAGAGTTTGGGCCCTGTGGAAACAGGTACAAGGTTCCGAGAGGCTGTGGTCC
 CCATCATGAAAAGGCCCTGAAGGAGTGCACCTCATCTGCTACTCCAGGGGGGCTGGTGTGCCGTGC
 TTTGCTGTCTGTCATGGATAACCACAATGTGGACTCTTTCATCTCCCTCTCCTCCCCACAGATGGGCCAG
 TATGGAGACACGGACTATTTGAAATGGCTTCCCCACGTCCATCGGTCTAACCTCTATCGGGTCTGCT
 ATAGTCTTGGGGCCAGGAATTTCCATTTGCAACTACTGGCAGATCCTCACCAGATGACTTGTACCT
 CAATGCCAGCAGCTTTCTGGCCCTCATCAATGGGAAAGAGACCATCCAATGCCACTGCATGGCGGAAG
 AACTTCCTTCGCGTGGGCGTCTGGTGCTGATTGGGGTCTGATGATGGCGTTATCACTCCCTGGCAAT
 CTAGCTTCTTTGGTTTCTATGATGCCAATGAGACAGTTCTGGAGATGGAGGAGCAGCCGGTGTATCTTCG
 AGATTCTTTGGGTTGAAGACTCTCTGGCCCGGGGGCCATAGTGAGGTGTCCCATGGCTGGCATCTCT
 CACACCAGTGGCACTTAACCGTACGCTCTACGATACTTGCAATTGAGCCGTGGCTCTCCTGAAGATGTC
 CTCAGTGGTCTCCAGGAATCCCCAGCCAGAGATCAAGCGGTGGCTTGGGAAGCAGATGCCAGGCTCT
 GGCATGCCTGCAACCATTTGTCAATCCACACTGCCCCACCCACCAGGGCTCCCTCCCCCTCCCC
 CCCTGCTCCTCTGTGAATGACAAGTCTGGTCCCCTACCTCATGTCTCACTTGGGAGCGCTCCACGCT
 CTCCTTTCTGCCACGGCTGAGGTTGGGAAGCAAGTGCCAGGTTTTTAAGTGTGGCTTCCAGGCTGCTGT
 TGCTTCTCCGGTCTGGCTGTATCGGAGGAGAACCAGCCCTGCCACCTCAGGGGTCTTCTTCCAGGC
 CACTCAGGACATTTTTAGCTTCTGTTATCCCCGTTTCCCTCTTTTCTCAACTTCCCTGTGGCTAGCCTCC
 CCACCAAGAGGGGCACCCATAAGAGGGGTGTTCTGAGGCTCCCTATGGGGACAATTCCACTTTTGAAG
 TGTCAGTGTGGGAATATCTGTGGCCTGCAAGGCCATCTCAGGTTTGGGGATCCCCAGTCCCTATGA
 TCAGTGTGGGTATCCCTGGGAGCCTAGGTTCTTTGAGGCCAGCCCTCTTTAACTACCCTTGAG
 CGGGTGGTCCCTGTATTTATAGAAATAAAGATCCATTTCTCAGAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_019441
Insert Size:	909 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:	BC013462 , AAH13462
RefSeq Size:	1770 bp
RefSeq ORF:	909 bp
Locus ID:	54397
UniProt ID:	O35448
Cytogenetics:	17 18.19 cM
Gene Summary:	<p>Removes thioester-linked fatty acyl groups from various substrates including S-palmitoyl-CoA. Has the highest S-thioesterase activity for the acyl groups palmitic and myristic acid followed by other short- and long-chain acyl substrates. However, because of structural constraints, is unable to remove palmitate from peptides or proteins (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All the variants encode the same protein.</p>