

Product datasheet for RN203605

Pemt (NM_013003) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pemt (NM_013003) Rat Untagged Clone
Tag: Tag Free
Symbol: Pemt
Synonyms: Pempt; PHOMETH; PLMT
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203605 representing NM_013003
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGCTGGCTGTGGTTACGTGGACCCACAGAGCCAGCTTTGTGGCGGCTGTGCTCACCATTGTGT
TCAATCCACTCTTCTGGAATGTGGTAGCAAGGTGGGAGCAGAACTCGAAGCTGAGCAGAGCCTTCGG
GTCCCTTACCTAGCCTGCTATTCCTGGCAGCATCATCTGCTTCTGAACATCCTCCGCTCCACTGC
TTCACACAGGCCATGATGAGCCAGCCAAAGATGGAGGGCCTGGATAGCCACACCATCTACTTCTGGGCC
TTGCACTCCTGGGCTGGGACTCGTGTGGTCTCCAGCTTCTATGCACTGGGGTTCACTGGGACCTT
TCTAGGTGACTACTTTGGGATCCTCAAGGAGTCCAGAGTGACCACATTTCCCTTCAGCGTGTGGACAAC
CCCATGTACTGGGAAAGTACAGCCAACCTAGGCTGGGCACTTATGCACGCCAGCCCTACAGGCTGC
TGTTGACGGTGTGGTGGCACTCGTCTACGTGGTGTCTCCTGTTTGAAGAGCCCTTCACTGCGGAGAT
CTACCGCGGAAAGCCACCAGGTTGCACAAAAGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013003
Insert Size: 600 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).



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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_013003.1</u> , <u>NP_037135.1</u>
RefSeq Size:	893 bp
RefSeq ORF:	600 bp
Locus ID:	25511
UniProt ID:	<u>Q08388</u>
Cytogenetics:	10q22
Gene Summary:	catalyzes the conversion of phosphatidylethanolamine to phosphatidylcholine [RGD, Feb 2006]