

Product datasheet for MC209198

Pnmt (NM_008890) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnmt (NM_008890) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnmt
Synonyms:	Pent
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209198 representing NM_008890 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGTGGCTCAGACCTGAAGCACGCTACAGGGAGTGGCTCAGACCCGAAGCACGCTGCAGAGATGG
ACCCTGACTCCGACGCTGGCCAGGTAGCTGTGCTTGGCTTACCAGCGCTTCGAGCCCCGCGCCTATCT
CCGCAACAACACGCGCTCCTCGTGGAGACCTGAGCAACCCTGATGGCGTCGGGCTTGAAGCTGCGC
TGCATGGCACAAGTCTTTGCTACCGGTGAGGTGTCGGGACGGTTCTCATTGATATTGGCTCCGGCCCCA
CCATATATCAGCTGCTCAGTGCCTGTGCCACTTTGAGGACATCACCATGACAGACTTCTTGAAGTCAA
CCGTGAGGACTGGGACTCTGGCTGCGAGAGGAGCCAGGAGCCTTTGACTGGAGTGTGTATAGTCAGCAT
GCCTGCCTCATTGAGGACAAGGGTGAGTCTGGCAGGAGAAAGAAGCCAGCTTCGAGCGAGGGTGAAGC
GAGTCTGCCTATCGATGTGCACAAGCCCCAGCCCCCTGGGAAGTCCCAGTCTGGTCCCTCTGCCTGCCGA
CGCCTTGGTCTCTGCCTTCTGCCTGGAGGCTGTGAGCCCAGATCTTACTAGCTTCCAGCGGGCTTTGCAT
CACATCACCACACTGCTGAGGCCGGGGTTCATCTCCTCCTATTGGGGCCCTGGAGGAGTCTGGTACC
TTGCTGGGAGGCCAGGCTGTCTGTGGTCCAGTGTCTGAGGAGGAGGTGAGGGAGGCCCTGGTCCCTGG
TGGTTACGAGGTCCGAGAGCTTCGCACCTACATCATGCCTGCCACCTCTGCACGGGGGTAGATGATGTC
AAAGGCATCTTTTGCCTGGGCCAGAAAGATGGAGGTGCAGGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1660_e01.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_008890



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Insert Size:	888 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_008890.1</u> , <u>NP_032916.1</u>
RefSeq Size:	888 bp
RefSeq ORF:	888 bp
Locus ID:	18948
UniProt ID:	<u>P40935</u>
Cytogenetics:	11 D
Gene Summary:	Converts noradrenaline to adrenaline.[UniProtKB/Swiss-Prot Function]