

Product datasheet for **RN201883**

Polrmt (NM_001106766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Polrmt (NM_001106766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Polrmt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201883 representing NM_001106766 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGCGCTCCGGTGGACCCGAGGCGCAGCGGGCTTGGTCGGGTTCTGCGCTCCCCTGGGCCCCACC
GCCCCGGTTCCGAGGAAGGGCTCTCAGTGGCTCGGCAGCTCAAGAAGGAGGTCTGCTGCCAGTCCCCG
TGAGCAAGCTGTCCAGAGGGAGTGGGGCCATGCTGAAGTCTGGAAGTCTGGAGGCCGGGTGCGGCAG
CTCCGGGCGGAGGGCGCTCCTGAGATGAGGGTGAAGAAGGTACAGGTGGACCAGCCTCCGAGGGCCGCA
GCAGCCGCTGGGCACAGAAGCTGGAGGCCGAGAAAAAGGTGAAGCAGAGGCACCAGCGCAAAGCTGACCT
GCAGAAGCAACCACTGGAGTCCCGGACCTTCACACGGAGCCCGGATCCGGAGCAAGAAGCTGGCTGGC
TACCTGCACAGAGCAAGAAGGGGGCGCCAAGAGCTCAGAGGAAGAGCAGCTGGCCAGGTCCTGCAGG
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GCACATCCTGTTCTCCAGCAGAAGCTTCGGACTTTCTTCGAGTGTGCTGTGCACTGGCCAGCTGCC
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ATAACATGGTGTGCTCGGCTGGGCCGCAAGGGCTCCTTCAGAGAGTGGTGTATGTGTTTCATCATGCT
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CTTCTGCCCAACGCCACAGGCCTCGAACCTGGTCAGCACACCCGTGCTGCTCAAGGACTTCTATAGCAAG
GAGGGCCAGTGTCTACCCAAAGCTGCACCTGCCCCGACACCTGCAGGACCTTTTCTACCAGCAGC
TGCATGTGGAGCTGAGTCCAGTGTCTGTCCAGTCACTGGAGGAGGCCCAAGTATGACCAAGGAGGT
CATTGAGGCGCGGAAGACCCTGAAGGCACTGCGCTCGAAGTGGGAGGTAGAGTGTGCTGTGCTGCGG
GAGACCAAGGCCAAGATGGGCAGCCAGGCCTACGAAGGCCAGCCACCCTCTACCCGTTCTGTGCTGCTG
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TTTCCAGTTGGCTCAAAACCTGGGCCTTCAGGTGTTTAATCGGCATTTGGTGAAGCAGAAGCAGGTCAAC
AACCATGTGCAGAAGCTGGGGCAGCAATCTCACAGTACCTCCGCTGCTGGCTTCCGACACCCAGGTGG
CACCTGCCTTCTCGGGAGTACTGGGACTCGCTGGGCTCGCTGGAGACCCCTGCACAACAGCCCTGGTC



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GGTGCCAGTGCTGCTACAGCTCGGCAAGCAGCTGGCCGAGTTGCTGGTGCAGGCAGTGCAGATGCCGCGC
AGTCTGGCGGCCCGGCACGGTGCTCAGAACTTCATCCCAGTGCTTTACCATGTCTATTCTTCCGACAGT
ACCGCCAGGTGGGCATCCTCAAGCCTCACCTGCCTTCACGCACCTGCTGGAGACGGCCGCAGAGCCAC
GCTGACCTTCGAGACCACGGAAGTGCCAAATGCTGTGCCCGCCACTGCCCTGGACTTCGCTGCACTCTGGT
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TTCCGAGGCCGCACTTACCCGTGCCCGCCGCACTTCAACCACCTCGGCAGTGACCTAGCGCGTGCAGTGT
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GACCGGCCTCAGGAAGCGCGACTCGTGCATGCGCTAGCCTTCGAGACGAGGTGATGGGGAGATC
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TGGCTTGTGTCATGGAGGTGGCACAAGCGGTCCGGTCCCAGACCCCACTGCCTACGTTTCCACCTGCC
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GCCTCAGTCAACCTAACGCCCTCCGACCTGCCCAAGATGTGTACAGGGAGGTGGCAACACAGGTGGAGG
AGCTCCGCCAGCAGGACGCTAAGGAGGGTCTCCAGGTGGCTCAGGCGCTGGAGGGCTTCGTAGCCGCAA
GGTGGTGAAGCAGACGGTGATGACGGTGGTGACGGGGTACGCGCTACGGTGGGCGCTGCAGATAGAG
AAGCGCTGCGTGAAGTACAGGAGTGTTCAGCAGCCGCGGCTTGTCTGGGAAGCCTCACACTACCTCGTGC
AGGTCTTCAAAAGTCTACAGGAGATGTTTTCCAGCAGCCGGGCTTACAGCGTGGCTGACCGAGAGTGC
CAACCTCATCTCTACGCGGGCTGGCTGTGGAGTGGGTACGCGCTGGGATCCCCATCATACAGCCC
TATCAGCGGAGTCCAAGATCCAGGTGAAAGGGGCTTCAGAGCATCACCTTACCAGCTCAGTGGATG
ACAGCCAGAAGCCCAACACTCTGAAGCAGAAAAATGGCTTCCACCCCACTTCATCCACTCCCTGGATT
CTCCACATGATGCTGACTGCCCTACACTGCTACAGGAAGGGCTGACTTTCGTCTCTGTGCACGACTGC
TTCTGGACGATGCCGCTGACATCCCCATGATGAACGAGGTATGCCGGAACAGTTTGTGCGCTGCACA
GCGAACCCATTCTGGAAGACCTGGCTAAGTTCTGGAGAAGCGTTTCTGCTCGGTCTCAAGTCCCTAA
GCCCTCGAGCTCGCCCTGATACCAAGCTGCAGGAGACACTACGATCCTTGCCAGAGACAGGTACCTTC
GATCTGGGACAGGTGATAAGATCCACCTACTTCTTCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106766
Insert Size:	3612 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_001106766.1](#), [NP_001100236.1](#)

RefSeq Size: 3745 bp

RefSeq ORF: 3612 bp

Locus ID: 299604

Cytogenetics: 7q11