

Product datasheet for RN216555

Prmt8 (NM_001271385) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prmt8 (NM_001271385) Rat Untagged Clone
Tag: Tag Free
Symbol: Prmt8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN216555 representing NM_001271385
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCATGAAACACTCCTCCCGCTGCCTGCTCCTCCGGAGGAAAATGGCGGAGAACGCAGTCGAAAGCA
CGGAGGTGAGCAGTGCCCCCCTCAGCCCCCTCAGCCTGTCAATCCAGCGAAGCCTGTGCAATGCGTCCA
CCATGTGTCCACACAGCCAGCTGCCAGGACGGGGCAAGATGTCCAAGCTGTGAATCCCGAGGAGATG
ACATCGAGAGATTACTATTTTGACTCATATGCTCACTTTGGGATCCACGAGGAAAATGCTGAAGGATGAGG
TGAGGACACTCAGTACCGGAATCCATGTACCATAATAAGCAGTGTTCAGGACAAAGTGGTTCTGGA
TGTTGGGAGTGGTACAGGGATCCTTTCCATGTTTGCTGCCAAAGCAGGGCCAAGAAGGTGTTGGGATT
GAATGTTCCAGTATTTCTGACTACTCAGAGAAGATCATTAAAGCCAACCACTGGACAATGTCATTACCA
TATTTAAGGGCAAAGTGGAGGAGGTGGAGCTGCCAGTGGAGAAGGTGGACATCATCATCAGCGAGTGGAT
GGGCTACTGTCTGTTCTACGAGTCCATGCTCAACACCGTGATCTTTGCCAGGGACAAGTGGTTGAAACCT
GGAGGGCTCATGTTTCCAGACCGGGCAGCTTTGTACGTGGTAGCAATTGAAGACAGACAGTACAAGGACT
TCAAAATCCACTGGTGGGAGAACGTCTATGGCTTTGACATGACTTGCATCCGGGATGTTGCTATGAAGGA
GCCCTGGTGGATATCGTGGACCAAAGCAAGTGGTACCAATGCCTGTTTAATAAAGGAAGTGGACATT
TACTGTGAAGACGGAAGAGCTGTCTTTACATCTGCCTTCTGCCTGCAGATACAGCGCAACGACTATG
TCCATGCCCTCGTCACTACTTTAATATTGAATTTACCAAGTGCCACAAGAAAATGGGTTTTTCTACAGC
CCCTGATGCCCTTACTACTGGAAGCAGAGCTGCTTCTACTTGAAGACTACCTCACTGTTTGAAGA
GGGAGGAAAATCTACGGACCATATCCATGAAGCCAAATGCCAAAATGTGCGAGACCTCGATTTACAG
TAGACTTGGATTTAAGGGACAGCTGTGTAAACATCTGTATCTAATGACTACAAAATGCGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001271385
Insert Size:	1185 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001271385.1</u> , <u>NP_001258314.1</u>
RefSeq Size:	2012 bp
RefSeq ORF:	1185 bp
Locus ID:	688502
Cytogenetics:	4q42