

Product datasheet for MC201145

Inmt (NM_009349) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Inmt (NM_009349) Mouse Untagged Clone
Tag: Tag Free
Symbol: Inmt
Synonyms: Temt
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013518 sequence for NM_009349
AAGGAGTCTGGACAGCTGTGTGGGCTGGCTAGAATGGAGGGCAAGGTATACATAGGAGGTGAGGACTATG
AAAAAGAGTTCACTCCCAAAGACTACCTGACCACCTACTACAGCTTCCACTCTGGCCCCGTGGCAGAGCA
GGAAATCGTAAAGTTTAGCCTGCAGAACCTCTACCAGACCTTCTCTACAGGAGGTGTAGGGGCGACGTC
CTGATCGACATTGGCTCTGGCCCTACCATCTACCAGCTGCTTTACAGCATGCGAGGTCTTCCGGGAGATCA
TTGTCACTGACTACACCCCGCAGAACCTGCAGGAGCTGCAGAAGTGGCTGAAGAAAGAGCCAGGAGCCTA
CGACTGGTCCCTCATAGTGCAACATGCATGTGAGCTGGAGGGAGACAGAAGCAGGTGGCAGGAGAAGGAA
GCCAAGCTCAGAAGGACAGTCACTCGTGTCTGAGGTGTGATGTGACCAAGACACCCCGCTGGGGTCAG
CTCAGGTGCCTCTGGCTGACTGCGTGTGACCTTTCTGGCCATGGAGTGTGCCTGCCCTGATATAGATAC
CTACCGGGCAGCCTTGCGCAGACTGGCCGGCTGCTGAAACCAGGAGGGCACCTGGTGACCCTGGTTACT
CTGCGCTTCCAGCACTATATGGTGGGCCCAAGAAGTTCTCTGGGGTCTACCTAGAGAAGGAGGTGGTGG
AGAAGGCTATTCAAGATGCTGGCTGTGAGGTGCTGAAAGTGAAGTGCCTCCCTCAGCTACTCGGAGGC
TACTGCTCCACGACGGTTTGTGCTTTGTGGTGGCCCGAAGGGTCCCAGTGCCTGAGGCCACTGGCAG
CGAATCGCCTTCCCTGGGAAAGTTATAGCAATCATTTGTAAGCCTTGCTCCACAGCTTTCTAACACGGAA
CCATGTTGCTTCTATCTAATACCTGGTCACAGTCACAAGGAAAACCAAGGTTCTATTTTCAGCACC
AACATCCATCCCCTTTGCTCTTGTGTACCCTGTTGAAAGTTCATTTTAAATAAAGTGGCCTATCTGGA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009349

Insert Size: 795 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).



[View online »](#)

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>BC013518</u> , <u>AAH13518</u>
RefSeq Size:	1065 bp
RefSeq ORF:	795 bp
Locus ID:	21743
UniProt ID:	<u>P40936</u>
Cytogenetics:	6 B3
Gene Summary:	Catalyzes the N-methylation of tryptamine and structurally related compounds (By similarity). Functions as thioether S-methyltransferase and is active with a variety of thioethers and the corresponding selenium and tellurium compounds, including 3-methylthiopropionaldehyde, dimethyl selenide, dimethyl telluride, 2-methylthioethylamine, 2-methylthioethanol, methyl-n-propyl sulfide and diethyl sulfide. Plays an important role in the detoxification of selenium compounds.[UniProtKB/Swiss-Prot Function]