

Product datasheet for **MC207537**

Icmt (NM_133788) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Icmt (NM_133788) Mouse Untagged Clone
Tag: Tag Free
Symbol: Icmt
Synonyms: 1700008E11Rik; C80758; Gm13095; HSTE14; OTTMUSG00000010406; pcCMT; PPMT; STE14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207537 representing NM_133788
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGCTGCGCGCGCGGGTTCGCCGGGCTCCGAGGCGCGCCTCAGCCTCGCTACATTCTCCTGG
GCGCCTCGGTGCTCGCTCTGCCGCTGCTCACGCGCGCCGGCTGCAGGGCCGACCGGGCTGGCGCTCTA
CGTGGCCGGACTCAACGCGCTGTGCTGCTACTCTACCGCCCGCGCTACCAGATAGCCATCAGAGCT
TGTTTCTTGGCTTTGTGTTGGCTGTGGTGTGCTGCTAAGTTTCAGCCAGTCCTCTTGGAACTACTTTG
GCTGGTACGTGTGCTCGCTGTCTCTGTTCCACTATTCTGAGTACTTAGTGACAGCTGTCAATAACCCCAA
AAGTCTGTCCCTGGACTCCTTCTCCTGAATCACAGCCTGGAGTACACGGTAGCTGCCCTGTCTTCTTGG
ATAGAGTTCACGCTCGAGAACATCTTCTGGCCAGAAGTGAAGCAGATTACCTGGCTGAGTGCCACCGGGC
TCCTGATGGTGGTCTTCGGAGAAATGCCTGAGGAAAGCTGCCATGTTTACGGCTGGCTCCAACCTCAACCA
TGTGGTGCAGAGTGAAAAGTCAGACACCCACACTCTGGTGACAAGTGGGGTGATGCTTGGTGCCGGCAC
CCCTCCTATGTGGGCTGGTTTTACTGGAGTATCGGAACCCAGGTGATGCTGTGTAATCCCATCTGTGGCG
TGGTCTATGCCCTGACGGTGTGGCGCTTCTCCGAGATCGACAGAAGAGGAGGAGATCTCACTGATTCA
CTTTTTGGGGAAGACTTGGATTATAAAAAGAGGGTGCCACAGGCCTGCCTTTCATAAAGGGGGTC
AAGGTGGAGCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133788
Insert Size: 855 bp



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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:	NM_133788.2 , NP_598549.1
RefSeq Size:	4952 bp
RefSeq ORF:	855 bp
Locus ID:	57295
UniProt ID:	Q9EQK7
Cytogenetics:	4 E2
Gene Summary:	<p>Catalyzes the post-translational methylation of isoprenylated C-terminal cysteine residues. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes a functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>