

Product datasheet for RN210203

Icmt (NM_133310) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Icmt (NM_133310) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Icmt
Synonyms:	fcmt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210203 representing NM_133310 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCTGCGCGCGGGTTCGCGGGCTCCGAGGCGCGCCTCAGCCTCGCTACCTTCTCCTTG
GTGCTCGGTGCTCGCTGCTCTGCTCACGCGCGCCGGCTGCAGGGCCGACCGGGCTGGCGTGT
CGTGGCCGGACTCAACGCGCTGTGCTGCTTCTACCGCCGCCGCTACCAGATAGCCATCCGAGCT
TGTTTCTTGGCTTTGTGTTGGCTGCGCGTGTGCTAAGTTTCAGCCAGTCTCTGGAATCACTTCG
GCTGGTACGTGTGCTCGCTCCCTGTTCCACTACTCTGAGTACCTAGTGACAGCTGTCAATAATCCAA
AAGTCTGTCTTGGACTCCTTCTCCTGAACCACAGTCTGGAGTACACAGTGGCTGCCCTGTCTTCTGG
ATAGAGTTCACCCTTGAAAACATCTTTGGCCAGAAGTGAAGCAGATTACCTGGCTCAGTGCCGCTGGGC
TGTTGATGGTGATCTTTGGAGAATGCCTGAGGAAAGTGGCCATGTTTACAGCCGGCTCCAACCTCAACCA
CGTGGTACAGAGTGAAAAGTCAACACCCACACTCTCGTGACAAGTGGGGTATACGCTTGGTGCCGGCAC
CCCTCCTATGTGGGCTGGTTTTACTGGAGTATTGGAACCCAGGTGATGCTGTGTAATCCCATCTGTGGT
TGGTCTATGCCCTGACGGTGTGGCGTCTTCCGTGATCGCACAGAGGAGGAGGAGATCTCGCTGATTCA
CTTCTTTGGGGAAGAATACTTGGACTATAAGAAGAGGGTGCCACAGGCCCTGCCTTTCATAAAGGGGTC
AAGGTGGGCTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133310
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_133310.2 , NP_579844.2
RefSeq Size:	1767 bp
RefSeq ORF:	855 bp
Locus ID:	170818
UniProt ID:	G3V7G5
Cytogenetics:	5q36
Gene Summary:	mouse homolog is an enzyme necessary for carboxyl methylation; required for isoprenylation of Ras [RGD, Feb 2006]