

Product datasheet for **MC207093**

Metap1 (BC051534) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Metap1 (BC051534) Mouse Untagged Clone
Tag: Tag Free
Symbol: Metap1
Synonyms: 2310066F24Rik; 3110033D18Rik; AV117938; MAP 1D; Map1d; MetAP 1D; Metap1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC051534
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAACGAAGAGATAGATGCGCTTGTTCATTGGGAAATCATCAGGCATGACGCATATCCCTCACCTC
TGGGCTATGGACGCTTTCCAAAATCTGTTTGCACCTCTGTAACAACGTGCTCTGTCATGGCATTCTGA
CAGCCGACCTTTCAGGATGGAGATATTATCAACATTGATGTCACGGTCTATTACAATGGCTACCATGGA
GACACCTCTGAAACCTTTCTGGTGGGCAATGTGGATGAAAGTGGTAAAAAGTTAGTGGAGTTGCCAGGA
GGTGTAGAGATGAAGCGATTGCAGCCTGCAGAGCTGGGGCCCCCTTCTCTGTAATTGGAAACACAATCAG
CCGCATAACTCATCAGAAATGGTTTGAAGTCTGTCCACATTTTGTGGGACATGGGATAGGATCATACTTT
CATGGACACCCAGAAATTTGGCATCATGCAAAATGACAAATGATCTGCCATGGAGGAGGGCATGGCTTTCA
CCATAGAGCCAATCATCACTGAAGGTTCCCGAATTTAAAGTCCTTGAGGACGCATGGACCGTGGTCTC
CCTAGACAACCAAGGTCTGCGCAGTTCGAGCACACAGTCCTCATCACGCCAAGGGGAGTGGAGATACTG
ACCAAAGTCCACAAGAAGCCTGA

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC051534
Insert Size: 654 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:	BC051534 , AAH51534
RefSeq Size:	1131 bp
RefSeq ORF:	653 bp
Locus ID:	66559
Cytogenetics:	2 C2
Gene Summary:	Removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val). Requires deformylation of the N(alpha)-formylated initiator methionine before it can be hydrolyzed.[UniProtKB/Swiss-Prot Function]