

Product datasheet for **MC207769**

Mmab (NM_029956) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mmab (NM_029956) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mmab
Synonyms: 9130222L19Rik; ATR
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207769 representing NM_029956
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGTGTGGCTCTTTGGGGTGCCTCGGCCTGCGGGCGTCTCAGCGCTGCAGACTGCTGTGTC
CCCGTTCCAGAGCCGTGGCCCTCAGGGCGGGGAAGACGGGACAGGCTGCAGCCGTCTCGACGGCAGC
CAAGATCCCCAAGATTTACACCAAGACGGGAGACAAAGGGTTTTCCAGCACCTTCACAGGAGAAAGGAGA
CCTAAAGATGATCAAGTATTTGAAGCCGTGGGACCACGGATGAGCTAAGCTCAGCTATTGGTTTTGCCA
TGGAGTTGGTCACAGAAAAAGGCCACATGTTTGCCGAAGAGCTTCAGAAAATCCAGTGCATGCTACAGGA
CGTCGGCTCCGCCCTGGCCACTCCACGTTCTCAGCCAGGGAGGCTCACTTAAAGCACACGGCCTCCAG
GAAGGGCCTGTCTGGAGCTGGAGCGGTGGATTGACAAGTACTCCAGCCAGCTCCCCCGCTCAAGGCCT
TCATTCTGCCTTCTGGAGCAAGAGCAGCTTGCCCTGCCTTCTGCCGCGTGTATGCCGTGTCGCCGA
GAGACGTGTGGTGCCTCTTGCCAGATGGGAGAGACGGATGCAAACGTGGCGAAGTTCTTAAACAGGCTC
AGTGATTACCTTCTCAGTGTAGCCAGATATGCAGCCATGAAGGAGGCCAGCCAAGAGAAAATATAACAAGA
AACATGATGT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029956
Insert Size: 714 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_029956.3 , NP_084232.1
RefSeq Size:	3021 bp
RefSeq ORF:	714 bp
Locus ID:	77697
UniProt ID:	Q9D273
Cytogenetics:	5 F
Gene Summary:	Adenosyltransferase involved in intracellular vitamin B12 metabolism. Generates adenosylcobalamin (AdoCbl) and directly delivers the cofactor to MUT in a transfer taht is stimulated by ATP-binding to MMAB and gated by MMAA.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).