

Product datasheet for **MC200111**

Mmadhc (NM_133839) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmadhc (NM_133839) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mmadhc
Synonyms:	2010311D03Rik; AI314967; CbID
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC002253 sequence for NM_133839 GTGAGGGCCCGGGCGCGAGGCCGCGGTGACTGGGATACTTTGCAGTGGGGCAAGAATTTGCGTCCGC CTTCTTACTAGAAATGGCCATGTGCTCTGTAAACAGAGCCAGACTGGTTTCTATCTCCAGGATTTTG TTCTTTAGTGAAAAGAGTCATCAATCCAAGAGCCTTTTCAACTGCAGGATCTTCAGTTCCTGATGAGTCT CATGTGGCCACCGCACCTCCAGATATATGCTCTCGAACAGTGTGGCCTGATGAACTATGGGACCTTTG GACCTCAGGACCAGAGATTCCAGCTTCTGGGAATATAGGCTTCGATTGTACCTCAATGGGACTGCCTC ACAGAAGAAAAGCCAGGCCATAAACTTTGCCTGATGTTCTAGCAGAGCCTCTTCACTGAAAGACAC GAGTTTGTGATGGCGCAGTATGTAATGAGTTTCAGGATAGTGTACCTGTTGAACAAGAAATTAACA GTGCAGAACTTACTTTGAAAGTGCCAAAGTTGAGTGTGCGATCCAGACATGTCCAGAGCTGCTGCGGAG AGATTTTGTAGTCACTTTTCCAGAAGTGGCTAATAGCAAATAATGATCCTGACTGTAACCCAGAAAAT GAAAATGACATGACTGTCTGGAGTGAAGAGGTGGAGTTGAGAGAGAGGTGCTCTTGAAAAGTTTCATCA GTGGTGCTAAGGAGATCTGCTATGCCCTTCGGGCTGAAGGATATTGGGCTGACTTCATTGACCCATCATC TGGTGTGGCATTTTTTGGACCATATACCAACAACACACTTTTTGAAACAGATGAACGGTACCGGCATTTA GGATTCTCAGTTGACGACCTTGGCTGCTGTAAAGTGTATCCGTCACAGTCTCTGGGGTACTCATGTGGTTG TAGGAAGTATCTTCACTAACGCAACAGCAGACAGCAGTATCATGAGGAAGCTCAGTGAAACTAGCAAGT GGCACTGTGATAACTGCAGCGCTGTTGTCTGTATGGATTGCTCTATATAAACTGTCATGGACAGCA GCTTCTAGAGGATTCTTGTCTAGGATTTTATGTATCATTTATGGGTTTACATGGACAGGTGACTTGG GGTTTCAGAATTGCAAATGCTAGTTCCTATTCTGGAGTGCCTGCTGAACACATCCATATTCTGCAAAGTG AGGTCATCAGCTTGTAACCAGGGTATGTGTGTTCTTAGGGTTGATTCTCCCTTTATTGGGAAAATTT TAATTTTTTTTCCAAAATAAATCATACATTTGTCTATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_133839
Insert Size:	891 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:	BC002253 , AAH02253
RefSeq Size:	1336 bp
RefSeq ORF:	891 bp
Locus ID:	109129
UniProt ID:	Q99LS1
Cytogenetics:	2 C1.1
Gene Summary:	<p>Involved in cobalamin metabolism. Plays a role in regulating the biosynthesis of two coenzymes, methylcobalamin and adenosylcobalamin. Plays a role in regulating the proportion of methylcobalamin and adenosylcobalamin. Promotes oxidation of cob(II)alamin bound to MMACHC.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). ##RefSeq-Attributes-START## gene product(s) localized to mito. :: inferred from homology ##RefSeq-Attributes-END## COMPLETENESS: complete on the 3' end.</p>