

Product datasheet for MC208646

Hadh (NM_008212) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hadh (NM_008212) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hadh
Synonyms:	AA409008; AU019341; AW742602; Hadhsc; HCDH; Schad
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208646 representing NM_008212 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTCGTGACCAGGCAATCTTGCCTCCATGTCCTCTCTCTGCGTCGGCGGCCGCAAGA
AGATCCTGATCAAGCATGTGACCGTCATCGCGCGGGCTGATGGCGCCGGCATCGCGCAGGTAGCTGC
AGCAACTGGCCATACAGTAGTATTGGTGGACAAACGGAAGACATCCTGGCAAAATCCAAGAAGGGATT
GAGGAGAGTCTAAAGAGGATGGCAAAGAAGAAGTTCACAGAAAACCTAAGGCTGGAGATGAGTTTGTGG
AGAAGACCCTGAGCTGCCTTTCAACCAGCACCGATGCGGCATCCGTGGTGCACAGCACAGACCTGGTGGT
GGAGGCCATTGTGGAACTGAAGCTGAAGAAGGAGCTGTTCCAGAGGCTGGACAAGTTCGCTGCAGAA
CACACCATCTTTGCCAGCAACACGTCTTTTGCAGATCACAAACATAGCCAATGCCACCACCAGACAAG
ACCGATTTGCTGGCCTCCACTTTTTCAACCCCGTGCCTATGATGAAGCTTGTGGAGGTATCAAAACACC
GATGACCAGCCAGAAGACATTTGAATCTCTGGTGGACTTTTGTAAAACCTTAGGAAAGCATCCTGTCTCT
TGCAAGGACACTCCTGGATTCATCGTGAACCGACTCTTGGTGCCATACCTCATTGAGGCCGTGAGGCTAC
ACGAGCGAGGCGATGCGTCTAAGGAAGACATCGATACAGCGATGAAGCTGGGAGCTGGGTATCCCATGGG
TCCGTTTGAGCTTCTTGACTATGTTGACTGGATACTACAAAGTTCATCTTGACGGGTGGCATGAAATG
GAGCCAGAGAACCCTTATTTACGCCAGTCCTTCCATGAATAATCTGGTGGCCAGAAGAAGCTGGCA
AGAAGACCGGAGAAGGATTTTACAAATACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008212



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Insert Size:	945 bp
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:	BC064712 , AAH64712
RefSeq Size:	1729 bp
RefSeq ORF:	945 bp
Locus ID:	15107
UniProt ID:	Q61425
Cytogenetics:	3 G3
Gene Summary:	Plays an essential role in the mitochondrial beta-oxidation of short chain fatty acids. Exerts it highest activity toward 3-hydroxybutyryl-CoA.[UniProtKB/Swiss-Prot Function]