

Product datasheet for **RN211564**

Hadhb (NM_133618) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hadhb (NM_133618) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hadhb
Synonyms:	TP-beta
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211564 representing NM_133618
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTACCATCTTGACTTCCACTTTTAGAAACCTTTCTACTACATCAAATGGGCCTCAGATTTTCTG
 TAAGACCTCTGAGCTGTTCTTCAACAAGTACAGTCTGCCCCAGCTGTCCAGACCAAGTCAAAGAAGACTTT
 AGCAAAACCTAATCTAAAGAACATTGTGGTGGTGAAGGTGTCCGAATTCATTTCTGCTGTCAGGCACT
 TCGTATAAAGACCTAATGCCACATGATTTGGCTAGAGCCGCACTTTCGGGTTTGTGTATCGGACCAATA
 TTCCAAAGGATGTTGTTGATTATATCATTTTTGGTACAGTTATTCAGGAAGTAAAAACAAGCAATGTGGC
 TAGAGAGGCTGCCCTGGGAGCTGGCTTCTCTGATAAGACTCCAGCTCACACTGTCACCATGGCTTGATC
 TCTTCAAACCAAGCCATGACCACAGCTGTTGGTCTGATAGCTTCTGGCCAGTGTGATGTCGTCGTGGCTG
 GTGGTGTGAGTTAATGTCTGACGTCCCTATTCGTCATTCAAGAAATATGAGGAAATGATGCTTGATCT
 CAATAAAGCCAAGACTCTGGCCAGCGCTGTCCTTACTACTAAATTCAGATTGAATTTCTGTCCCCT
 GAGCTCCCTGCAGTGGCTGAGTTCTCCACTAACGAGACAATGGGCCACTCTGCCGACCGTCTGGCTGCTG
 CCTTTGCTGTTTCTCGAATGGAACAGGATAAATATGCACTGCGTTCTCACAGTCTGGCCAAGAAGGCACA
 GGATGAAGGACATCTTTCTGATATTGTACCCTTCAAAGTACCAGGAAAAGACACAGTTAGCAAAGATAAC
 GGGATCCGTCCTTCTCACTGGAGCAAATGGCCAAACTAAAGCCTGCATTCATCAAACCCTATGGCACAG
 TGACAGCAGCGAATCTTCTTCTGACTGATGGCGCTTCTGCGATGCTAATCATGTGAGGACAGAGC
 TCTGGCCATGGTTATAAGCCAAAGGCATATTTGAGGGATTTATATGTGTCTCAGGATCCAAAAGAT
 CAGCTTTTACTTGGACCAACATATGCTACTCCAAAAGTTCTAGAAAAGGCAGGATTAACCATGAATGATA
 TTGACGCTTTTGAATTTTCATGAAGCCTTCTCAGTCCAGTATTTGGCTAACTTTAAAGCTATGGATTCTGA
 TTGGTTTGCACAAAACACTACATGGGTAGGAAAACCAAGGTTGGAGCACCTCCTCTGGAGAAGTTAATATC
 TGGGGCGGATCACTCTCTGGGACACCCTTTTGGAGCCACTGGCTGTCGGTTGGTCATGGCAGCTGCCA
 ACAGACTGAGGAAGGATGGAGGCCAGTATGCTTTAGTGGCTGCCTGTGCAGCTGGAGGACAGGGTCATGC
 TATGATTGTGGAAGCCTACCCAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133618

Insert Size: 1428 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:

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_133618.3](#), [NP_598302.1](#)
RefSeq Size: 1996 bp
RefSeq ORF: 1428 bp
Locus ID: 171155
UniProt ID: [Q60587](#)
Cytogenetics: 6q14
Gene Summary: a subunit of a multienzyme complex that is involved in mitochondrial fatty acid oxidation [RGD, Feb 2006]