

Product datasheet for **RR212204**

Hadh (NM_057186) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hadh (NM_057186) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hadh
Synonyms: Hadhsc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR212204 representing NM_057186
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTTCGTGACCAGGCAATTCGTGCGCTCCATGTCCTCCTCTCCTCTGCGTCGGCGGCCGCAAGA
 AGATCCTGATCAAGCATGTGACGGTCATCGGCGCGGGCTGATGGGCGCCGGCATCGCGCAGGTAGCTGC
 AGCAACTGGCCATACAGTAGTGTGGTGGACAAACAGAGGACATCCTGGCAAAATCCAAGAAGGAATT
 GAAGAGAGCCTTAAGAGAATGGCAAAGAAGAAGTTCACAGAAAACCTAAGGCTGCCGATGAGTTTGTGG
 AGAAAACCTGAGCTCCCTTTCAACCAGCACCGATGCCGCGTCCGTGGTGACAGCACAGACCTGGTGGT
 GGAGGCCATTGTGGAGAACCTGAAGTTGAAGAATGAGCTATTCCAGAGGCTGGACAAGTTTGTGCAGAA
 CACACCATCTTTGCCAGCAACACGTCTTCTTTCAGATCACAACATAGCCAATGCCACCACCAGACAAG
 ACCGATTTGCTGGCCTCCACTTTTTTAACCCCGTCCCCATGATGAAGCTTGTGGAGGTCATTAACACC
 GATGACCAGCCAGAAGACATTTGAATCTCTGGTTGACTTTTGTAAAACCTTAGGGAAGCATCCTGTTTCC
 TGCAAGGACACTCCTGGATTTATCGTGAACCGTCTCTTGGTGCCATACCTCATAGAAGCTATCCGGCTGC
 ATGAGCGAGGCGATGCATCTAAGGAAGACATCGACACCGCAATGAAGCTGGGAGCCGGTATCCCATGGG
 TCCCTTTGAGCTTCTTGACTATGTTGGACTGGATACTACAAAGTTCATCTTAGACGGGTGGCACCAGAAATG
 GATCCGGAGAACCCTTATTTACAGCCAGTCTTCCATGAATAATTTGGTGGCCAGAAGAAGCTGGGCA
 AAAAGACCGGAGAAGGATTTTACAATAACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR212204 representing NM_057186
Red=Cloning site Green=Tags(s)

MAFVTRQFVRSMSSSSSASAAKKILIKHVTVIGGGLMGAGIAQVAAATGHTVVLVDQTEDILAKSKKGI
 EESLKRMAKKKF TENPKAADEFVEKTLSSLSTSDAASVVHSTDLVVEAIVENLKLKNELFQRLDKFAAE
 HTIFASNTSSLQITNIANATTRQDRFAGLHFFNPVPMMLLVEVIKTPMTSQKTFESLVDFCKTLGKHPVS
 CKDTPGFIVNRLLPYLIEAIRLHERGDASKEDIDTAMKLGAGYPMGPFELLDYVGLDTTKFIIDGWHEM
 DPENPLFPSPSMNNLVAQKGLGKKTGEFYKYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

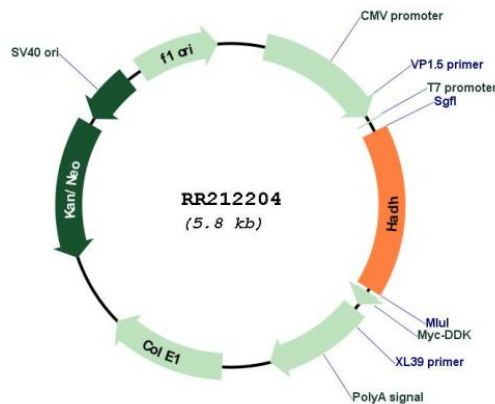
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_057186

ORF Size: 942 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_057186.2 , NP_476534.1
RefSeq Size:	1659 bp
RefSeq ORF:	945 bp
Locus ID:	113965
UniProt ID:	Q9WVK7
Cytogenetics:	2q43
MW:	34.4 kDa
Gene Summary:	catalyzes the dehydrogenation of 3-hydroxyacyl-CoAs to their corresponding 3-ketoacyl-CoAs [RGD, Feb 2006]