

Product datasheet for **RN214073**

Hibadh (NM_022243) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hibadh (NM_022243) Rat Untagged Clone
Tag: Tag Free
Symbol: Hibadh
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214073 representing NM_022243
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCTCCTTGGGGTTCGGGGGGCAGCCTCCGGCCTCCGGTACTGGAGCGGCCGGCGGGCCCCG
TGGGCAGCCTTCAGCGGTGTGTCTAGGTCAATGGCTTCTAAGACTCCAGTTGGATTTCATTGGACTGGG
AAACATGGGCAATCCAATGGCAAAAAATCTCATAAAACATGGCTACCCACTCATCCTCTATGATGTGTT
CCTGACGTATGCAAAGAGTTTAAAGAGGCTGGTGAACAGGTAGCGTCTCCAGCAGATGTAGCGGAAA
AGGCTGACAGGATTATCACAATGCTGCCCTCCAGTATGAATCAATAGAAGTTTATTCTGGAGCAATGG
AATTCTAAAAAAGTGAAGAAAGGCTCATTATTAATAGATTCCAGTACTATTGATCCTTCAGTTTCAAAA
GAATTGGCAAAAGAAGTTGAGAAAATGGGAGCTGTTTTTCATGGACGCCCTGTTTCTGGTGGCGTAGGAG
CTGCTCGGTCTGGAAACCTTACATTCATGGTGGGAGGAGTTGAAAATGAGTTTGCTGCTGCCAAGAGTT
GCTGGGTGCATGGCTCCAATGTATTGTACTGTGGAGCTGTCGGGTCTGGGCAGTCTGCAAGATCTGT
AACACATGCTGTTGGCTATAAGTATGATCGGAACTGCTGAAGCTATGAACCTTGAATCAGGTCAGGCC
TTGACCCAAAATATTGGCTAAAATCCTGAATATGAGCTCAGGACGATGCTGGTCCAGCGCACTTACAA
CCCTGTACCTGGGTTATGGATGGAGTTCCCTCATCTAATAACTACCAAGGTGGATTGGGACAACACTC
ATGGCCAAGGATCTGGGATTAGCTCAAGACTCTGCCACCAGCACAAGACCCCAATTCTCCTCGGAAGCG
TGGCCATCAGATATACAGGATGATGTGTTCAAAGGGCTACTCAAAGAAAGACTTCTCCTGTGTTCCA
GTATCTGCGGGAGGAGGAAACCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022243
Insert Size: 1008 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_022243.1 , NP_071579.1
RefSeq Size:	1769 bp
RefSeq ORF:	1008 bp
Locus ID:	63938
UniProt ID:	P29266
Cytogenetics:	4q24
Gene Summary:	catalyzes the conversion of 3-hydroxy-2-methylpropanoate and NAD ⁺ to 2-methyl-3-oxopropanoate, NADH, and H ⁺ [RGD, Feb 2006]