

Product datasheet for RN212807

Bdh1 (NM_053995) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Bdh1 (NM_053995) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Bdh1
 Synonyms: Bdh
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN212807 representing NM_053995
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGCTGGCCGCCGCTTTCCAGACCCCTGTCACAGCTCCCAGGAAAAGCTCTAAGTGTCTGTGATA
 GAGAAAATGGGACAAGACACACTGTTGTTTTACCCAGCTTCTTTCAGCCCTGACACCCGTCGGACCTA
 CACCAGTCAGGCAGATGCGGCTAGTGGCAAAGCTGTCCTGGTTACAGGCTGTGACTCTGGATTTGGGTT
 TCTTTGGCCAAGCATCTACACTCAAAGGTTTCCTTGTATTTGCTGGATGTTGTTGAAGGACAAAGCGG
 ATGCTGGGGTCAGGGAGCTGGACAGCCTGAAGAGTGACCGGCTGAGAACCATCCAGCTCAATGTCTGCAA
 CAGTGAGGAGGTGGAGAAAGCGGTGGAGACCGTCCGCTCCGGCCTGAAGGATCCTGAGAAGGGAATGTGG
 GGCCTGGTTAACACGCAGGCATCTCAACGTTTGGGGAGGTGGAGTTCCTAGCATGGAGACGTATAAGG
 AGGTGGCCGAAGTGAACCTCTGGGAACTGTGCGCACAACAAAATCCTTCCTTCCCTTCCGAAGAGC
 CAAAGGCCGTGTTGTTAACATCAGCAGCATGCTGGTTCGATGGCCAACCCAGCCCGCTCACCATACTGC
 ATCACCAAGTTTGGGGTAGAGGCTTCTCGACTGCCTACGCTATGAGATGCACCCTCTGGGTGTGAAGG
 TCAGTGTGGTGGAGCCTGGCAACTTCATAGCTGCCACCAGCCTCTATAGCCCTGAGCGTATCCAGGCCAT
 TGCCAAGAAGATGTGGGATGAGCTGCCAGAGGTGTCGCAAAAGACTATGGCAAGAAGTACTTCGATGAA
 AAGATTGCCAAGATGGAGACCTACTGCAACAGCGTTCCACCGATACGTCCTCCGTCATCAACGCTGTCA
 CCCATGCCCTGACTGCTGCCACCCCTTATACCCGCTACCATCCCATGGACTACTACTGGTGGCTGCGGAT
 GCAGGTCATGACCATTTCCTGGAGCCATCTCTGACAAGATCTACATACACT**GA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_053995



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Insert Size:	1035 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:	NM_053995.3 , NP_446447.2
RefSeq Size:	1674 bp
RefSeq ORF:	1035 bp
Locus ID:	117099
UniProt ID:	P29147
Cytogenetics:	11q22
Gene Summary:	mitochondrial membrane enzyme that is dependent on phosphatidylcholine for optimal function [RGD, Feb 2006]