

Product datasheet for **RN206359**

Barhl2 (NM_022956) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Barhl2 (NM_022956) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Barhl2
Synonyms:	Barh; MBH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206359 representing NM_022956 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAGCAATGGAAGGGGCCAGCGGGTCGAGTTTGAATAGACACGATTTGTCCGGTGCCGGTTCCG
GCAGTCCGGGCATGATGAACGGAGATTTCCGATCGCTCGGTGAAGCGAGGACCACGGATTTTAGGAGCCA
GGCCACCCCGTCACCCTGTTCCGAGATTGATACCGTGGGAACGGCGCCCTTTCACCGATCTCGGTACC
CTGGAGCCCCCGAGCCGCATCTTGTACAGACGGACCCAGCATCACCATCACCTCCACCACGGCCAAC
AGCCACCGCCACCGTCCGCGCCCCCGCAAGTTTGCAGCCTTCTCCCAACAGCAACCGCCGCCGA
GCCGAGTCTGCAGCCAGCAACTGGGCTCGGCCGCCGCGGCCCCAGGACTTCCACCTCTCTTTT
ATTAAGGACATCTTGGGAGACAGCAAACCCCTGGCGGCTTGTGCACCCTACAGCACCAGCGTTTCTCTC
CTCATCACACCCGAAGCAGGAGTGCAACGCGCGCACGAGAGCTTCAGGCCAAAGCTGGAGCAGGAGGA
CAGCAAAACCAAGCTGGACAAGAGGGAAGACTCTCAGAGCGACATCAAATGCCACGGAACAAAGGAGGA
GGAGACCGGGAGATTACAAGTAGCCGAGAGAGTCCCCCTGTGAGAGCCAAGAACTCGAAAGGCCAGGA
CAGCTTCTCGGACCACAGCTCAATCACTGGAACGTAGCTTTGAGCGGCAGAAGTACCTCAGTGTACA
GGACCGCATGGACCTGGCAGCTGCACTCAACCTCACTGATACCCAAGTCAAGACCTGGTACCAGAACC
AGAACCAAGTGAAGCGGCAGACTGCAGTGGGCTGGAGTTGCTTGCCGAGGCGGGAACTACTCCGCGC
TGACAGAGGATGTTTCCGTCGCCTTATTTCTACACCCAAGCCTGCTGGGGAGCATGGACAGCACGACGGC
GGCCGCGGCGGCCGCGCAATGTACAGCAGCATGTACCGAACTCCTCCTGCACCCCATCCGAGCTGCAG
CGGCCACTGGTCCCCGCGTGCTCATCCAGGCCTGGGGCTGGGGACAGCCGGCCCTCAACCTTTGT
CCAACCCATCCCAGGCACCCCGCATCCCCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022956
Insert Size:	1155 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:	<u>NM_022956.2</u> , <u>NP_075245.1</u>
RefSeq Size:	1577 bp
RefSeq ORF:	1155 bp
Locus ID:	65050
UniProt ID:	<u>O88181</u>
Cytogenetics:	14p22
Gene Summary:	potential regulator of mammalian neural bHLH genes [RGD, Feb 2006]