

Product datasheet for **RR206359**

Barhl2 (NM_022956) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Barhl2 (NM_022956) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Barhl2
Synonyms:	Barh; MBH1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR206359 representing NM_022956 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAGCAATGGAAGGGGCCAGCGGGTCGAGTTTGGAAATAGACACGATTTTGTCCGGTGCCGGTTCCG
GCAGTCCGGGCATGATGAACGGAGATTTCCGATCGCTCGGTGAAGCGAGGACCACGGATTTTAGGAGCCA
GGCCACCCCGTCACCCTGTTTCGAGATTGATACCGTGGGAACGGCGCCCTTTCACCGATCTCGGTCAAC
CTGGAGCCCCCGAGCCGCATCTTGTGACAGACGACCCAGCATCACCATCACCTCCACCACGGCCAAC
AGCCACCGCCACCGTCCGCGCCCCCGCGCAAAGTTTGCAGCCTTCTCCCAACAGCAACCGCCGCGCA
GCCGAGTCTGCAGCCAGCAACTGGGCTCGGCCGCGCGGCCCCAGGACTTCCACCTCTTCTTTTAA
ATTAAGGACATCTTGGGAGACAGCAAACCCCTGGCGGCTTGTGCACCCTACAGCACCAGCGTTTCTTCTC
CTCATCACACCCCGAAGCAGGAGTGCAACGCGCGCACGAGAGCTTCAGGCCAAAGCTGGAGCAGGAGGA
CAGCAAACCAAGCTGGACAAGAGGGAAGACTCTCAGAGCGACATCAAATGCCACGGAACAAAGGAGGAA
GGAGACCGGGAGATTACAAGTAGCCGAGAGATCCCCCTGTGAGAGCCAAGAACTCGAAAGGCCAGGA
CAGCTTTCTCGGACCACAGCTCAATCAACTGGAACGTAGCTTTGAGCGGAGAGTACCTCAGTGTACA
GGACCGCATGGACTGGCAGCTGCACTCAACTCACTGATACCCAAGTCAAGACCTGGTACCAGAACC
AGAACCAAGTGAAGCGGCAGACTGCAGTGGGCCTGGAGTTGCTTGCAGGCGGGGAACTACTCCGCGC
TGCAGAGGATGTTTCCGTCGCTTATTTCTACCACCAAGCCTGCTGGGAGCATGGACAGCAGCAGCGC
GGCCGCGCGGCCGCGCAATGTACAGCAGCATGTACCGAACTCCTCTGCACCCATCCGAGCTGCAG
CGGCCACTGGTCCCCGCGTGTCTATCCACGGCCTGGGCCTGGGGACAGCCGGCCCTCAACCTTTGT
CCAACCCATCCCAGGCACCCCGCATCCCCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1152 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_022956.2 , NP_075245.1
RefSeq Size:	1577 bp
RefSeq ORF:	1155 bp
Locus ID:	65050
UniProt ID:	O88181
Cytogenetics:	14p22
MW:	41.5 kDa
Gene Summary:	potential regulator of mammalian neural bHLH genes [RGD, Feb 2006]