

Product datasheet for **RN205484**

Bhlha15 (NM_012863) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bhlha15 (NM_012863) Rat Untagged Clone
Tag: Tag Free
Symbol: Bhlha15
Synonyms: bHIH; Bhlhb8; Mist1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205484 representing NM_012863
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGACCAAGAACCGGCCCTCGGCGCCGGACACCCATGCAGGACGCAGAAGCCACCCAGGAGAGC
AGACGCCTGACAGATCCCAGTCAGGCTCAGGGGCATCAGAAGTGACCAAGGGTCTTCGGAGCAGGACAGC
CCGTGCGAGCGGAACTCGGGCAGAGGTCAGCCCGCGGACAGGGGTCCAGCAGCCGAGGAGAACAGC
GTTTCAGAGGCGGCTGGAGAGCAATGAGCGAGAAAGACAACGGATGCACAACTGAACAATGCTTTCCAGG
CGCTGCGGGAGGTCATCCCGCATGTGCGGGCTGACAAGAAGCTCTCCAAGATCGAGACCCCTCACACTGGC
CAAGAACTATATCAAGTCGCTGACAGCCACCATACTTACTATGTCCAGCAGCCGCCTCCCGGGGCTGGAG
GCGCCAGGTCCTGCGCCAGGCCCTAAATTGTACCAGCATTACCATCACCAGCAGCAGCAACAGCAGCAGC
AGCAGCAGGTGGCTGGGGCCGTGCTCGGTGTACCGAGGACCAGCCTCAAGGCCACCTGCAACGATACTC
TACACAGATCCACAGCTTCAGAGAGGGGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012863
Insert Size: 594 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).



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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:	<u>NM_012863.1</u> , <u>NP_036995.1</u>
RefSeq Size:	3546 bp
RefSeq ORF:	594 bp
Locus ID:	25334
UniProt ID:	<u>P70562</u>
Cytogenetics:	12p11
Gene Summary:	basic helix-loop-helix transcription factor; may regulate gene expression in embryonic and postnatal cell lineages [RGD, Feb 2006]