

Product datasheet for MC207334

Nhlh1 (NM_010916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nhlh1 (NM_010916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nhlh1
Synonyms:	bHLHa35; Hen1; Nscl; Tal2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207334 representing NM_010916 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGCTCAACTCCGATACCATGGAGCTGGACCTGCCTCCCACCCACTCGGAGACCGAGTCGGGCTTTA
 GCGACTGTGGGGCGGACCGGGCCCGATGGTCTGGATCCGGGGATCCAGGAGTGGTCCAGGTCCGGAG
 CTCAGAGCTTGGAGAGTCCGGCCGAAAGACCTGCAGCACTTGAGTCGTGAGGAGCGCAGGCGCCGGCGC
 CGCGCCACGCCAAGTACCGCACGGCACACGCCACGCGGGAGCGCATCCGCGTGAAGCCTTCAACCTAG
 CCTTCGCCGAGCTGCGCAAGCTGCTGCCACTCTGCCCGGACAAGAAGCTCTCTAAGATTGAGATCCT
 ACGCCTGGCCATCTGCTATATCTCTACCTGAACCATGTGCTGGACGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_010916
Insert Size:	402 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_010916.2, NP_035046.1</u>
RefSeq Size:	2506 bp
RefSeq ORF:	402 bp
Locus ID:	18071
UniProt ID:	<u>Q02576</u>
Cytogenetics:	1 79.54 cM
Gene Summary:	May serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.[UniProtKB/Swiss-Prot Function]