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Product datasheet for MG200773

Nhlh1 (NM_010916) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nhlh1 (NM_010916) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Nhlh1
Synonyms:	bHLHa35; Hen1; Nscl; Tal2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

```
>MG200773 representing NM_010916
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGCTCAACTCCGATACCATGGAGCTGGACCTGCCTCCCACCCACTCGGAGACCGAGTCGGGCTTTA
GCGACTGTGGGGGCGGACCGGGCCCCGATGGTGCTGGATCCGGGGATCCAGGAGTGGTCCAGGTCCGGAG
CTCAGAGCTTGGAGAGTCCGGCCGCAAAGACCTGCAGCACTTGAGTCGTGAGGAGCGCAGGCGCCGGCGC
CGCGCCACGGCCAAGTACCGCACGGCACACGCCACGCGGGAGCGCATCCGCGTGGAAGCCTTCAACCTAG
CCTTCGCCGAGCTGCGCAAGCTGCTGCCCACTCTGCCCCCGGACAAGAAGCTCTCTAAGATTGAGATCCT
ACGCCTGGCCATCTGCTATATCTCCTACCTGAACCATGTGCTGGACGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag -  GTTTAA
```

Protein Sequence:

```
>MG200773 representing NM_010916
Red=Cloning site Green=Tags(s)

MMLNSDTMELDLPPTHSETESGFSDCGGGPGPDGAGSGDPGVVQVRSSELGESGRKDLQHLSREERRRRR
RATAKYRTAHATRERIRVEAFNLAFAELRKLLPTLPPDKKLSKIEILRLAICYISYLNHVLDV

TRTRPLE - GFP Tag -  V
```

Restriction Sites: SgfI-MluI

View online »

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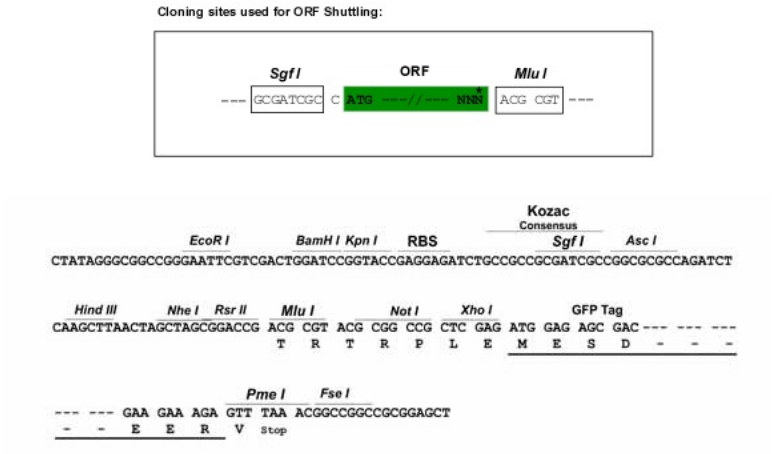
Cloning Scheme:



ACCN:	NM_010916
ORF Size:	399 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:	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_010916.2, NP_035046.1
RefSeq Size:	2458 bp
RefSeq ORF:	402 bp

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Locus ID:	18071
UniProt ID:	Q02576
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]

Product images:

Circular map for MG200773

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