

NHLH1 cDNA

Catalog Number: ATGD0482

PRODUCT INFORMATION

Catalog number

ATGD0482

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005589.1

Alternative Names

bHLHa35, HEN1, NSCL, NSCL1

mRNA Refseq

NM_005598.3

OMIM

162360

Chromosome location

1q22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

402bp

Preparation before usage

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

Vector description

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

Cloning Vector

pATGen (puc19-derived cloning vector)

General Description

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NHLH1 (Helix-loop-helix protein 1) may serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system.

DATA

Sequence nucleotides

```
ATGATGCTCAACTCAGACACCATGGAGCTGGACCTGCCGCCACCCACTCAGAGACTGAGTCGGGCTTCAGTGA  
CTGTGGGGCGCGGGGCGGGCCCTGATGGTGCCGGGCCTGGGGGTCCGGGAGGGGGCCAGGCCCGAGGCC  
CAGAGCCGGGAGAGCC TGGCCGGAAAGACCTGCAGCATCTGAGCCGCGAGGAGCGCCGGCGCCGGCGCC  
CACAGCCAAGTACCGCACGGCC CACGCCACGCGAGAACGCATCCGCGTGGAAGCCTTCAACCTGGCCTTC  
GCCGAGCTGCGCAAGCTGCTGCCTACGCTGCC CCCCGACAAGAAGCTCTCCAAGATTGAGATTCTGCGC  
CTGGCCATCTGCTATATCTCCTACCTGAACCACGTGCTGGACGTC TGA
```

Transaction Sequence

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MMLNSDTMEL DLPPTHSETE SGFSDCGGGA GPDGAGPGGP GGGQARGPEP GEPGRKDLQHLSREERRRRR  
RATAKYRTAH ATRERIRVEA FNLAFAELRK LLPTLPPDKK LSKIEILRLAICYISYLNHV LDV
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