

NHLH2 cDNA

Catalog Number: ATGD0479

PRODUCT INFORMATION

Catalog number

ATGD0479

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001104531.1

Alternative Names

bHLHa34, HEN2, NSCL2

mRNA Refseq

NM_001111061.1

OMIM

162361

Chromosome location

1p12-p11

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

408bp

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 Nde 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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NHLH2 (Nescient Helix Loop Helix 2) 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

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ATGATGCTGAGTCCGGACCAAGCAGCAGATTTCGGACCATCCCAGCTCGGCGCACTCGGATCCGGAGTCCCTGGGCGGCAC
GGACACCAAGGTGCTCGGCAGCGTGTCGGACCTGGAGCCGGTGGAGGAGGCCGAGGGCGACGGCAAGGGCGGCAGCCG
AGCCGCGCTCTACCCGCACCCGCAGCAGCTGAGCCGCGAGGAGAAGCGCCGCCGCGCCGCGCCACGGCCAAGTACCGC
TCGGCCCACGCCACCCGCGAGCGCATCCGCGTGGAAGCCTTCAACTTGGCCTTCGCCGAGCTCCGCAAATTGCTGCCACG
CTGCCCCCGGACAAGAAGCTCTCCAAGATCGAGATCCTGCGCCTGGCCATCTGCTACATCTCCTATCTCAACCACGTCCTGG
ACGTGTAG
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Transaction Sequence

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MMLSPDQAAD SDHPSSAHSD PESLGGTDTK VLGSVSDLEP VEEAEGDGKG GSRAALYHPQQLSREEKRR RRRATAKYRS
AHATRERIRV EAFNLAFEL RKLLPTLPPD KKLSKIEILRLAICYISYLN HVLVDV
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