

# Recombinant Human NHLH1

**Cat. No.** NHLH1-29924TH    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human NHLH1 with N-terminal proprietary tag. Predicted MW 40.74 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	133 amino acids
<b>Description</b>	The helix-loop-helix (HLH) proteins are a family of putative transcription factors, some of which have been shown to play an important role in growth and development of a wide variety of tissues and species. Four members of this family have been clearly implicated in tumorigenesis via their involvement in chromosomal translocations in lymphoid tumors: MYC (MIM 190080), LYL1 (MIM 151440), E2A (MIM 147141), and SCL (MIM 187040).
<b>Molecular Weight</b>	40.740kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

**Sequences of amino acids**

MMLNSDTMELDLPPPTHSETESGFSDCGGGAGPDGAGPGGP GGGQARGPEPGEP  
GRKDLQHLSREERRRRRRATAKYRTAH ATRERIRVEAFNLFAELRKLLPTLPPDKK  
LSKIEILRLA ICYISYLNHVLDV

**Sequence Similarities**

Contains 1 basic helix-loop-helix (bHLH) domain.

## GENE INFORMATION

**Gene Name**

[NHLH1 nescient helix loop helix 1 \[ Homo sapiens \]](#)

**Official Symbol**

[NHLH1](#)

**Synonyms**

NHLH1; nescient helix loop helix 1; HEN1; helix-loop-helix protein 1; bHLHa35; NSCL; NSCL1;

**Gene ID**

[4807](#)

**mRNA Refseq**

[NM\\_005598](#)

**Protein Refseq**

[NP\\_005589](#)

**MIM**

[162360](#)

**Uniprot ID**

[Q02575](#)

**Chromosome Location**

1q22

**Function**

DNA binding;

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