

Recombinant Human NHLH1

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

SPECIFICATION

Product Overview	Recombinant full length Human NHLH1 with N-terminal proprietary tag. Predicted MW 40.74 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	133 amino acids
Description	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).
Molecular Weight	40.740kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	MMLNSDTMELDLPPTHSETESGFSDCGGGAGPDGAGPGGP GGGQARGPEPGEP GRKDLQHLSREERRRRRRATAKYRTAH ATRERIRVEAFNLAFaelrkLLPTLPPDKK 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;