

Recombinant Human NHLH1, GST-tagged

Cat. No. NHLH1-13735H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human NHLH1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-114a.a.

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).

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name NHLH1 nescient helix loop helix 1 [Homo sapiens]

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Official Symbol	NHLH1
Synonyms	NHLH1; nescient helix loop helix 1; HEN1; helix-loop-helix protein 1; bHLHa35; NSCL; NSCL1; HEN-1; NSCL-1; class A basic helix-loop-helix protein 35;
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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