Recombinant Human nescient helix loop helix 1, His-tagged

Cat. No. NHLH1-246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NHLH1, 1-133aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-133 a.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. NHLH1 may serve as DNA-binding protein and may be involved in the control of cell-type determination, possibly within the developing nervous system. Recombinant human NHLH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
Molecular Mass	17.0kDa (156aa) confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMLNSDT MELDLPPTHS ETESGFSDCG GGAGPDGAGP GGPGGGQARG PEPGEPGRKD LQHLSREERR RRRRATAKYR TAHATRERIR VEAFNLAFAE LRKLLPTLPP DKKLSKIEIL RLAICYISYL NHVLDV

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

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; 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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