

NHLH1 recombinant protein

NHLH1, 1-133aa, Human, His tag, E Coli

CATALOG # AAA48811	HOST E Coli	APPLICATIONS SDS-Page
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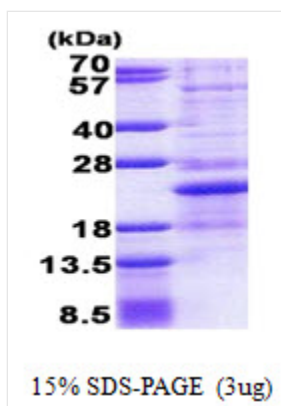
PRODUCT SYNONYMS

NHLH1; 1-133aa; Human; His tag; E Coli; Nescient helix loop helix 1; bHLHa35; HEN1; NSCL; NSCL1; NHLH1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-133aa
Sequence	MGSSHHHHH SSGLVPRGSH MGSMMLNSDT MELDLPPTHs ETESGFSDCG GGAGPDGAGP GGPGGGQARG PEPGEPGRKD LQHLSREERR RRRRATAKYR TAHATRERIR VEAFLNLAFAE LKLLPTLPP DKKLSKIEIL RLAIYISYL NHVLDV
Applicable Applications for NHLH1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for one week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeating freeze and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for NHLH1 recombinant protein	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.
Product Categories/Family for NHLH1 recombinant protein	Epigenomics
References	Brown L., et al. (1992) Proc. Natl. Acad. Sci. u.S.A. 89:8492-8496; Lipkowitz S., et al. (1992) J. Biol. Chem. 267:21065-21071;

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031943
NCBI GeneID	4807
NCBI Accession #	NP_005589
NCBI GenBank Nucleotide #	NM_005598.3
UniProt Accession #	Q02575
Molecular Weight	17.0kDa (156aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
NCBI Official Full Name	helix-loop-helix protein 1
NCBI Official Synonym Full Names	nescient helix-loop-helix 1
NCBI Official Symbol	NHLH1
NCBI Official Synonym Symbols	HEN1; NSCL; NSCL1; bHLHa35
NCBI Protein Information	helix-loop-helix protein 1
UniProt Protein Name	Helix-loop-helix protein 1
UniProt Gene Name	NHLH1
UniProt Synonym Gene Names	BHLHA35; HEN1; HEN-1; bHLHa35; NSCL-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.