

NHLH1, 1-133aa, Human, His tag, E.coli

Cat.NO.: TP03154

3th Edition

Synonyms:Nescient helix loop helix 1, bHLHa35, HEN1, NSCL, NSCL1

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 Weight:17.0kDa (156aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMMLNSDTMELDLPPTHSETESGFSDCGGGAGPDGAGPGGGPQQARGP
EPGEPGRKDLQHLSREERRRRRATAKYRTAHATRERIRVEAFNLAFaelRkLLPTLPPDKKLSKIEILRLAICYISYL
NHVLDV

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.