

NHLH2, 1-135aa, Human, His tag, E.coli

Cat.NO.: TP03155

3th Edition

Synonyms: helix-loop-helix protein 2, nescient helix loop helix 2, bHLHa34; HEN2; NSCL2

Description: NHLH2 is a member of the basic helix-loop-helix (bHLH) transcription factor family and is expressed in developing and adult neuroendocrine tissues such as the pituitary and hypothalamus. Recombinant human NHLH2 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 7.5) containing 0.2M NaCl, 50% glycerol, 5mM DTT.

Molecular Weight: 17.4kDa (158aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMMLSPDQAADSDHPSSAHSDPESLGGTDTKVLGSVSDLEPVVEEAEGDGKG
GSRAALYPHPQQLSREEKRRRRRATAKYRSAHATRERIRVEAFNLAFaelRkLLPTLPPDKKLSKIEILRAICYISYL
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.