
Product Data Sheet

Product Name: NHLH1 Human
 Cat. No.: GP24039
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nescient Helix Loop Helix 1; Class A Basic Helix-Loop-Helix Protein 35; Helix-Loop-Helix Protein 1; BHLHA35; NSCL1; HEN1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMMLNSDT MELDLPPTHS ETESGFSDCG GGAGPDGAGP GPGGGGQARG PEPGEPGRKD LQHLSREERR RRRRATAKYR TAHATRERIR VEA FNLAFAE LRKLLPTLPP DKKLSKIEIL RLAICYISYL NHVLDV		
Formulation	The NHLH1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 40% glycerol.		

Introduction

HLH (helix-loop-helix) proteins are a putative transcription factors family. Several HLH proteins take part in growth and development of an extensive range of tissues and species. NHLH1 functions as a DNA-binding protein and has a role in the regulation of cell-type determination in the developing nervous system.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

NHLH1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 156 amino acids (1-133) and having a molecular mass of 17.0kDa. NHLH1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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