
Product Data Sheet

Product Name: NHLH2 Human
 Cat. No.: GP24040
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	nescient helix loop helix 2; bHLHa34; HEN2; NSCL2; Class A basic helix-loop-helix protein 34; NHLH2; KIAA0490.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMMLSPDQ AADSDHPSSA HSDPESLGGT DTKVLGSVSD LEPVEEAEGD GKGGsRAALY PHPQQLSREE KRRRRRATAK YRSAHATRER IRVEAFNLAF AELRKLLPTL PDKKLSKIE ILRLAICYIS YLNHVLDV.		
Formulation	NHLH2 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.2M NaCl, 50% glycerol and 5mM DTT.		

Introduction

Nescient Helix Loop Helix 2 (NHLH2) belongs to the basic helix-loop-helix (bHLH) transcription factor family. NHLH2 is expressed in developing and adult neuroendocrine tissues for example the pituitary and hypothalamus. NHLH2 can act as a DNA-binding protein and may be involved in the control of cell-type determination, probably 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

NHLH2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (1-135 a.a.) and having a molecular mass of 17.4kDa. NHLH2 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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