

Nescient Helix Loop Helix 1 Human Recombinant

Item Number	rAP-3695
Synonyms	Nescient Helix Loop Helix 1, Class A Basic Helix-Loop-Helix Protein 35, Helix-Loop-Helix Protein 1, BHL-HA35, NSCL1, HEN1.
Description	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.
Uniprot Accesion Number	Q02575
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMLNSDT MELDLPPTHS ETESGFSDCG GGAGPDGAGP GGPGGGQARG PEPGEPRKD LQHLSREERR RRRRATAKYR TAHATRERIR VEAFNLFAE LRKLLPT-LPP DKKLSKIEIL RLAICYISYL NHVLDV
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The NHLH1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 40% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**