

HLF Human

Description:HLF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 315 amino acids (1-295 a.a.) and having a molecular mass of 35.3kDa.HLF is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #:PRPS-911

For research use only.

Synonyms:Hepatic leukemia factor, HLF.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MEKMSRPLPL NPTFIPPPYG
VLRSLLENPL KLPLHHEDAF SKDKDKEKKL DDESNSPTVP QSAFLGPTLW DKTLPYDGD
FQLEYMDLEE FLSENGIPPS PSQHDHSPHP PGLQPASSAA PSVMDLSSRA SAPLHPGIPS
PNCMQSPIRP GQLLPANRNT PSPIDPDTIQ VPVGYPEPDA DLALSSIPGQ EMFDPRKRKF
SEELKPQPM IK

Purity:Greater than 85.0% as determined by SDS-PAGE.

Formulation:

HLF protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.2M NaCl and 0.1mM PMSF.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Hepatic leukemia factor (HLF) is a member of the bZIP family and the PAR (proline and acidic-rich) subfamily of transcription regulatory proteins. HLF binds DNA specifically as a homodimer or heterodimer with other PAR factors. HLF is highly expressed in the liver, with lower levels in the lung and kidney and functions as an effective trans-activator.

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