

Recombinant Human HLF, His-tagged

Cat. No. HLF-3618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinanthuman HLF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
Description	HLF, also known as hepatic leukemia factor, belongs to 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. It is highly expressed in liver, with lower levels in lung and kidney and functions as a potent trans-activator.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.2M NaCl,0.1mM PMSF
Molecular Weight	35.3 kDa(315aa),confirmed by MALDI-TOF
Purity	>85% by SDS - PAGE
Concentration	0.25 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEKMSRPLPL NPTFIPPPYG VLRSLLENPL KLPLHHEDAFSKDKDKEKKL DDESNSPTVP QSAFLGPTLWDKTLPYDGD FQLEYMDLEE FLSENGIPSPSQHDHSPHP PGLQPASSAA PSVMDLSSRA

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SAPLHPGIPS PNCMQSPIRP GQLLPANRNTSPIDPDTIQ VPVGYEPDPA
 DLALSSIPGQ EMFDPRKRKF SEEELKPQPM IKKARKVFIPDDLKDDKYWA
 RRRKNNMAAK RSRDARRLKENQIAIRASFL EKENSALRQE
 VADLRKELGKCKNILAKYEA RHGPL

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.

GENE INFORMATION

Gene Name [HLF hepatic leukemia factor \[Homo sapiens \]](#)

Official Symbol HLF

Synonyms HLF; MGC33822; hepatic leukemia factor

Gene ID [3131](#)

mRNA Refseq [NM_002126](#)

Protein Refseq [NP_002117](#)

MIM [142385](#)

UniProt ID [Q16534](#)

Chromosome Location 17q22

Function DNA binding; double-stranded DNA binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

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