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 QSAFLGPTLWDKTLPYDGDT FQLEYMDLEE FLSENGIPPSPSQHDHSPHP PGLQPASSAA PSVMDLSSRA

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	SAPLHPGIPS PNCMQSPIRP GQLLPANRNTPSPIDPDTIQ 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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