

Recombinant Human HLF, His-tagged

Cat. No. HLF-27715TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HLF (amino acids 1-295) with a N terminal His tag. 315 amino acids with a predicted MWt 35.3 kDa including tag.
Species	Human
Source	E.coli
ProteinLength	295 amino acids
Description	This gene encodes a member of the proline and acidic-rich (PAR) protein family, a subset of the bZIP transcription factors. The encoded protein forms homodimers or heterodimers with other PAR family members and binds sequence-specific promoter elements to activate transcription. Chromosomal translocations fusing portions of this gene with the E2A gene cause a subset of childhood B-lineage acute lymphoid leukemias. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.
Conjugation	HIS
Molecular Weight	35.300kDa inclusive of tags
Tissue specificity	Highly expressed in liver; lower levels in lung and kidney.
Form	Liquid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 20% Glycerol, 1.17% Sodium chloride, 0.002% PMSF
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMEKMSRPLPLNPTFIPPPYG VLRSLLENPLKPLHH EDAFSKDKDKEKKLDDESNST VPQSAFLGPTLWDKTLPYDGDTFQLEYMDLEEF LEFL SENGIP PPSQHDHSPHPPGLQPASSAAPSVM DLSSRASAPLHP GIPSPNCMQSPI RPGQLLPANRNTSPIDPDTIQVPVGYE PDPADLALSSIPGQEMFDPRKRKFSEEL KPQPMIKKA RKFVFPDDLKDDKYWARRRKNMAAKRSRDARRLKENQIA IRASFLE KENSALRQEVADLRKELGKCKNILAKYEARH GPL
Sequence Similarities	Belongs to the bZIP family. PAR subfamily. Contains 1 bZIP domain.

GENE INFORMATION

Gene Name	HLF hepatic leukemia factor [Homo sapiens]
Official Symbol	HLF
Synonyms	HLF; hepatic leukemia factor; MGC33822;
Gene ID	3131
mRNA Refseq	NM_002126
Protein Refseq	NP_002117

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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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