

**HLF, 1-295aa, Human, His tag, E.coli**

**Cat.NO.: TP02464**

3th Edition

**Synonyms:** Hepatic leukemia factor, MGC33822.

**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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMEKMSRPLPLNPTFIPPPYGVLRSLLENPLKLPLHHEDAFSKDKDKEKKLDDESN  
SPTVPQSAFLGPTLWDKTLPYDGDTFQLEYMDLEEFLENGIPPSPSQHDHSPHPPGLQPASSAAPSVM DLSSRA  
SAPLHPGIPSPNCMQSPIRPGQLLPANRNTPSIDPDTIQVPVGYEPDPADLALSSIPGQEMFDPKRKRKFSEELKP  
QPMIKKARKVFIPDDLKDDKYWARRRKNNMAAKRSRDARRLKENQIAIRASFLEKENSALRQEVADLRKELGKCKNI  
LAKYEARHGPL

**Purity:** > 95% by HPLC

**Concentration:** 0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.