

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
SAPLHPGIPSPNCMQSPIRPGQLLPANRNTPSIDPDTIQVPVGYEPDPADLALSSIPGQEMFDPKRKRFSEEELKP
QPMIKKARKVFIPDDLKDDKYWARRRKNMAAKRSRDARRLKENQIAIRASFLEKENSALRQE VADLRKELGKCKNI
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.