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Recombinant human HLF protein

Catalog Number: ATGP1169

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-295aa

UniProt No.
Q16534

NCBI Accession No.
NP_002117

Alternative Names
Hepatic leukemia factor, MGC33822

PRODUCT SPECIFICATION

Molecular Weight
35.3 kDa (315aa) confirmed by MALDI-TOF

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.2M NaCl,0.1mM PMSF

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human HLF protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

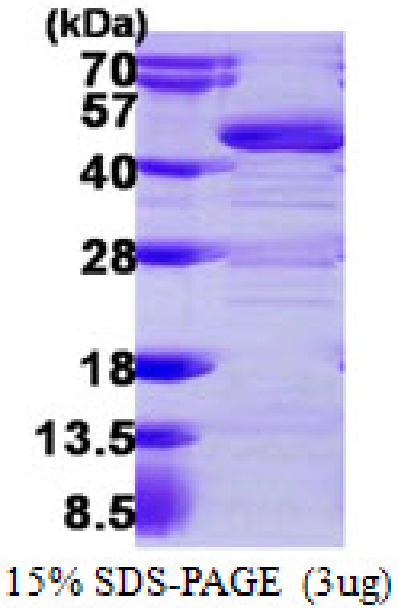
MGSSHHHHHH SSGLVPRGSH MEKMSRPLPL NPTFIPPPYG VLRSLLENPL KLPLHHEDAF SKDKDKEKKL DDESNSPTVP QSAFLGPTLW DKTLPYDGDT FQLEYMDLEE FLSENGIPPS PSQHDHSPHP PGLQPASSAA PSVMDLSSRA SAPLHPGIPS PNCMQSPIRP GQLLPANRNT PSPIDPDTIQ VPVGYEPDPA DLALSSIPGQ EMFDPRKRKF SEEELKPQPM IKKARKVFIP DDLKDDKYWA RRRKNNMAAK RSRDARRLKE NQIAIRASFL EKENSALRQE VADLRKELGK CKNILAKYEA RHGPL

General References

Hunger S.P. et al. (1992) Genes Dev. 6: 1608-1620.
Falvey E. et al. (1995) EMBO J. 14: 4307-4317

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.