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# Recombinant human HLF protein

Catalog Number: ATGP4135

## **PRODUCT INFORMATION**

# **Expression system**

**HEK293** 

### **Domain**

1-295aa

### UniProt No.

Q16534

## **NCBI Accession No.**

NP 002117.1

## **Alternative Names**

Hepatic leukemia factor, PAR bZIP transcription factor, E2A-HLF fusion transcript protein

## **Additional Information**

ATGP1169 has been replaced with a catalog number ATGP4135.

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

34kDa (301aa)

## Concentration

0.5mg/ml (determined by Absorbance at 280nm)

### **Formulation**

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

## **Purity**

> 95% by SDS-PAGE

# **Endotoxin level**

< 1 EU per 1ug of protein (determined by LAL method)

## 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)



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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 C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography.

## **Amino acid Sequence**

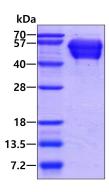
MEKMSRPLPL NPTFIPPPYG VLRSLLENPL KLPLHHEDAF SKDKDKEKKL DDESNSPTVP QSAFLGPTLW DKTLPYDGDT FQLEYMDLEE FLSENGIPPS PSQHDHSPHP PGLQPASSAA PSVMDLSSRA SAPLHPGIPS PNCMQSPIRP GQLLPANRNT PSPIDPDTIQ VPVGYEPDPA DLALSSIPGQ EMFDPRKRKF SEEELKPQPM IKKARKVFIP DDLKDDKYWA RRRKNNMAAK RSRDARRLKE NQIAIRASFL EKENSALRQE VADLRKELGK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

## **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

