# **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)



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

