Recombinant human BATF protein

Catalog Number: ATGP0929

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-125aa

UniProt No.
Q16520

NCBI Accession No.
NP_006390.1

Alternative Names
Basic leucine zipper transcriptional factor ATF-like, B-ATF, BATF1, SFA-2, SFA2

PRODUCT SPECIFICATION

Molecular Weight
16.2 kDa (145aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by BCA assay)

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

Purity
> 90% 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
BATF, also known as SFA2, is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. BATF is strongly expressed in mature T and B lymphocytes, and is up-regulated after transformation by human T-cell leukemia virus type I. BATF functions as a tissue-specific modulator of the AP-1 transcription complex in human cells. BATF also associates with IFP35, a leucine zipper protein that translocates to the nucleus following IFN treatment. Recombinant human BATF protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

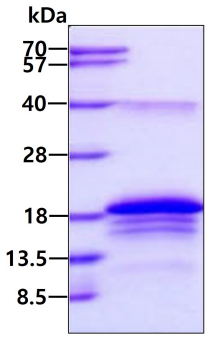
<MGSSHHHHHH SSGLVPRGSH> MPHSSDSSDS SFSRSPPPGK QDSSDDVRRV QRREKNRIAA QKSRQRQTQK ADTLHLESED LEKQNAALRK EIKQLTEELK YFTSVLNSHE PLCSVLAAST PSPPEVVYSA HAFHQPHVSS PRFQP

General References

Quigley M., et al. (2010) Nat Med. 16(10):1147-51.
Betz BC., et al. (2010) J Exp Med. 207(5):933-42.

DATA

SDS-PAGE



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