

Recombinant Human BATF, His-tagged

Cat. No. BATF-3420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BATF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 2mM DTT, 40% glycerol.
Molecular Weight	16.2 kDa (145aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by BCA assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MPHSSDSSDS SFSRSPPPGK QDSSDDVRRV QR R EKNRIAA QKSRQRQTQK ADTLHLESED LEKQNAALRK EIKQLTEELK YFT SVL

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NSHE PLCSVLAAS PSPPEVVYSA HAFHQPHVSS PRFQP.

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.

GENE INFORMATION

Gene Name

BATF basic leucine zipper transcription factor, ATF-like [Homo sapiens]

Synonyms

basic leucine zipper transcription factor, ATF-like; SFA2; B-ATF; BATF1; SFA-2; BATF; basic leucine zipper transcriptional factor ATF-like; SF-HT-activated gene 2 protein; activating transcription factor B; B-cell-activating transcription factor

Gene ID

10538

mRNA Refseq

NM_006399

Protein Refseq

NP_006390

MIM

612476

UniProt ID

Q16520

Chromosome Location

14q24.3

Function

RNA polymerase II transcription factor activity; protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

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