

Recombinant Human BATF, His-tagged

Cat. No. BATF-26167TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human BATF with an N terminal His tag; 145 amino acids, predicted MWt 16.2kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	125 amino acids
Description	The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events.
Conjugation	HIS
Molecular Weight	16.200kDa inclusive of tags
Tissue specificity	Expressed at highest levels in lung, and at lower levels in placenta, liver, kidney, spleen, and peripheral blood. Detected in SW480 colorectal cancer cell line and several hematopoietic tumor cell lines, including Raji Burkitts lymphoma. Strongly express
Form	Liquid

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Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 40% Glycerol, 200mM Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MPHSSDSSDS SFSRSPPPGK QDSSDDVRRV QRREKNRIAA QKSRQRQTQK ADTLHLESED LEKQNAALRKEIKQLTEELK YFTSVLNSHE PLCSVLAAS T PSPPEVVYSA HAFHQPHVSS PRFQP
Sequence Similarities	Belongs to the bZIP family. Contains 1 bZIP domain.

GENE INFORMATION

Gene Name	BATF basic leucine zipper transcription factor, ATF-like [Homo sapiens]
Official Symbol	BATF
Synonyms	BATF; basic leucine zipper transcription factor, ATF-like; basic leucine zipper transcriptional factor ATF-like; activating transcription factor B; B ATF; BATF1; SF HT activated gene 2; SFA 2;
Gene ID	10538
mRNA Refseq	NM_006399
Protein Refseq	NP_006390

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MIM	612476
Uniprot ID	Q16520
Chromosome Location	14q24
Function	protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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