Recombinant Human BATF3, His-tagged

Cat. No. BATF3-5069H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human BATF3 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	Basic leucine zipper transcriptional factor ATF-like 3, also known as BATF3, is a 127 amino acid protein that localizes to the nucleus and contains one bZIP domain. Interacting with c-Jun, BATF3 functions as a negative regulator of AP-1-mediated transcription, specifically by heterodimerizing with c-Jun and binding to DNA response elements.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol
Molecular Mass	16.9 kDa (150aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSQGLPA AGSVLQRSVA APGNQPQPQP QQQSPEDDDR KVRRREKNRV AAQRSRKKQT QKADKLHEEY ESLEQENTML RREIGKLTEE LKHLTEALKE HEKMCPLLLC PMNFVPVPPR PDPVAGCLPR
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by BCA assay)

GENE INFORMATION

Gene Name	BATF3 basic leucine zipper transcription factor, ATF-like 3 [Homo sapiens]
Official Symbol	BATF3
Synonyms	BATF3; basic leucine zipper transcription factor, ATF-like 3; basic leucine zipper transcriptional factor ATF-like 3; JDP1; Jun dimerization protein 1; JUNDM1; SNFT; B-ATF-3; Jun dimerization protein p21SNFT; 21-kD small nuclear factor isolated from T cells; 21 kDa small nuclear factor isolated from T-cells; FLJ36352; FLJ37535;
Gene ID	55509
mRNA Refseq	NM_018664
Protein Refseq	NP_061134
MIM	612470
UniProt ID	Q9NR55
Chromosome Location	1q32.3
Pathway	Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-

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	specific biosystem; Calcium signaling in the CD4+ TCR pathway, organism-specific biosystem;
Function	protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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