

# Recombinant human BATF3 protein

Catalog Number: ATGP2565

## PRODUCT INFORMATION

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**Expression system**

E.coli

**Domain**

1-127aa

**UniProt No.**

Q9NR55

**NCBI Accession No.**

NP\_061134

**Alternative Names**

Basic leucine zipper transcriptional factor ATF-like 3, JDP1, JuNDM1, SNFT

## PRODUCT SPECIFICATION

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**Molecular Weight**

16.9 kDa (150aa) confirmed by MALDI-TOF

**Concentration**

0.25mg/ml (determined by BCA assay)

**Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol

**Purity**

&gt; 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

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**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. Recombinant human BATF3 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 MGS>MSQGLPA AGSVLQRSVA APGNQPQPQP QQSPEDDDR KVRRREKNRV  
AAQRSRKKQT QKADKLHEEY ESLEQENTML RREIGKLTEE LKHLTEALKE HEKMCPLLLC PMNFVPVPPR PDPVAGCLPR

## General References

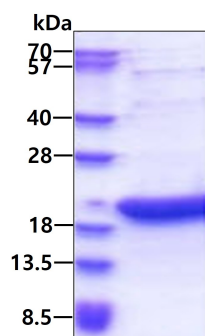
Bower K E., et al. (2002) J Biol Chem. 277: 34967-34977.

Hidner K., et al. (2008) Science. 322: 1097-1100.

## DATA

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### SDS-PAGE



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