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BATF Human

Description:BATF Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 145 amino acids (1-125 a.a.) and having a molecular mass of 16.2kDa. The BATF is purified by proprietary chromatographic techniques.

Catalog #:PRPS-126

For research use only.

Synonyms: Basic leucine zipper transcriptional factor ATF-like, B-cell-activating transcription factor, B-ATF, SF-HT-activated gene 2 protein, SFA-2, BATF, SFA2, BATF1.

Source: Escherichia Coli.

Physical Appearance:BATF is supplied as a sterile filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MPHSSDSSDS SFSRSPPPGK QDSSDDVRRV QRREKNRIAA QKSRQRQTQK ADTLHLESED LEKQNAALRK EIKQLTEELK YFTSVLNSHE PLCSVLAAST PSPPEVVYSA HAFHQPHVSS PRFQP.

Purity:BATF purity was found to be greater than 90.0% as determined by SDS-PAGE.

Formulation:
The BATF solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 2mM DTT and 40% glycerol.

Stability:
BATF should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
BATF is a nuclear basic leucine zipper protein which is a member of the AP-1/ATF superfamily of transcription factors. BATF is intensely expressed in mature T and B lymphocytes, and is up-regulated after transformation by human T-cell leukemia virus type I. BATF acts as a tissue-specific modulator of the AP-1 transcription complex in human cells. Furthermore, BATF connects with IFP35 which is a leucine zipper protein that translocates to the nucleus following IFN treatment.

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