

# Recombinant Full Length Human BATF Protein, GST-tagged

**Cat. No.** BATF-1576HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human BATF full-length ORF ( NP_006390.1, 1 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 125 amino acids                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 40.5 kDa                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MPHSSDSSDS SFSRSPPPGK QDSSDDVRRV QRREKNRIAA QKSRQRQTQK<br>ADTLHLESED LEKQNAALRK EIKQLTEELK YFTSVLNSHE PLCSVLAAS<br>PSPPEVVYSA HAFHQPHVSS PRFQP                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                  |

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## 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; SF-HT-activated gene 2 protein; B-cell-activating transcription factor; SFA2; B-ATF; SFA-2 |
| Gene ID         | 10538                                                                                                                                                                                                                                                                                       |
| mRNA Refseq     | NM_006399                                                                                                                                                                                                                                                                                   |
| Protein Refseq  | NP_006390                                                                                                                                                                                                                                                                                   |
| MIM             | 612476                                                                                                                                                                                                                                                                                      |
| UniProt ID      | Q16520                                                                                                                                                                                                                                                                                      |

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