# Recombinant Human ATF3 Protein, His/GST-tagged

**Cat. No.** ATF3-525H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human ATF3(Met1~Ser181) fused with His/GST tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Met1~Ser181 |
| **Description** | This gene encodes a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This gene is induced by a variety of signals, including many of those encountered by cancer cells, and is involved in the complex process of cellular stress response. Multiple transcript variants encoding different isoforms have been found for this gene. It is possible that alternative splicing of this gene may be physiologically important in the regulation of target genes. |
| **Form** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 50.6kDa |
| **Endotoxin** | <1.0EU per 1ug (determined by the LAL method) |
| **Purity** | > 95% |

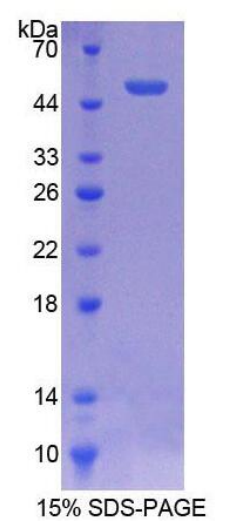
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| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Reconstitution** | Reconstitute in PBS or others |

## GENE INFORMATION

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| **Gene Name** | ATF3 activating transcription factor 3 [ Homo sapiens ] |
| **Official Symbol** | ATF3 |
| **Synonyms** | ATF3; activating transcription factor 3; cyclic AMP-dependent transcription factor ATF-3; cAMP-dependent transcription factor ATF-3; FLJ41705; |
| **Gene ID** | 467 |
| **mRNA Refseq** | NM_001030287 |
| **Protein Refseq** | NP_001025458 |
| **MIM** | 603148 |
| **UniProt ID** | P18847 |

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15% SDS-PAGE

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