

Datasheet for ABIN5505542

ATF3 Protein (GST tag,His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	ATF3
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATF3 protein is labelled with GST tag,His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Purified recombinant protein of Human activating transcription factor 3 (ATF3), transcript variant 3, full length, with N-terminal GST tag and C-terminal HIS tag, expressed in sf9, 20 µg (full length, N-term GST tag, C-term HIS tag, transcript variant 3) protein expressed in Sf9 cells.• Produced with end-sequenced ORF clone
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	ATF3
Alternative Name:	activating transcription factor 3 (ATF3 Products)
Background:	This gene encodes a member of the mammalian activation transcription factor/cAMP

Target Details

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.

Molecular Weight: 46.4 kDa

NCBI Accession: [NP_001025458](#)

Pathways: [Myometrial Relaxation and Contraction](#), [ER-Nucleus Signaling](#), [Unfolded Protein Response](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal,N-terminal.

Restrictions: For Research Use only

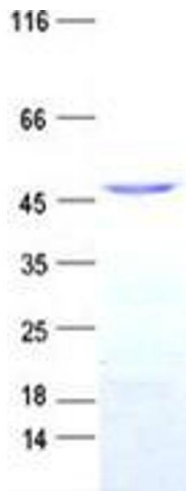
Handling

Concentration: 50 µg/mL

Buffer: PBS, pH 7.4, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot