Recombinant Human ATF5 protein, GST-tagged

Cat. No. ATF5-940H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATF5 full-length ORF (AAH05174.1, 1 a.a. - 282 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ATF5 (Activating Transcription Factor 5) is a Protein Coding gene. Diseases associated with ATF5 include Triple-Receptor Negative Breast Cancer. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Myometrial Relaxation and Contraction Pathways. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcription corepressor activity. An important paralog of this gene is ATF4.
Molecular Mass	57.1 kDa
AA Sequence	MSLLATLGLELDRALLPASGLGWLVDYGKLPPAPAPLAPYEVLGGALEGGLPVGGE PLAGDGFSDWMTERVDFTALLPLEPPLPPGTLPQPSPTPPDLEAMASLLKKELEQM EDFFLDAPLLPPPSPPPLPPPPLPPAPSLPLSLPSFDLPQPPVLDTLDLLAIYCRNEAG QEEVGMPPLPPPQQPPPPSPPQPSRLAPYPHPATTRGDRKQKKRDQNKSAALRYR QRKRAEGEALEGECQGLEARNRELKERAESVEREIQYVKDLLIEVYKARSQRTRSC
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

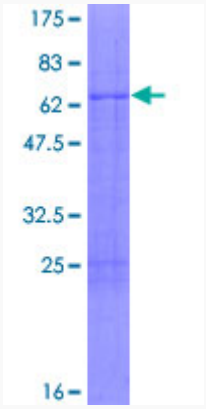
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ATF5 activating transcription factor 5 [Homo sapiens]
Official Symbol	ATF5
Synonyms	ATF5; activating transcription factor 5; cyclic AMP-dependent transcription factor ATF-5; transcription factor ATFx; cAMP-dependent transcription factor ATF-5; ATFX; HMFN0395; FLJ34666;
Gene ID	22809
mRNA Refseq	NM_001193646
Protein Refseq	NP_001180575
MIM	606398
UniProt ID	Q9Y2D1

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12.5% SDS-PAGE Stained with Coomassie Blue.

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