Recombinant Full Length Human ATF5 Protein, GST-tagged

Cat. No. ATF5-1170HF **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	In Vitro Cell Free System
ProteinLength	282 amino acids
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	MSLLATLGLE LDRALLPASG LGWLVDYGKL PPAPAPLAPY EVLGGALEGG LPVGGEPLAG DGFSDWMTER VDFTALLPLE PPLPPGTLPQ PSPTPPDLEA MASLLKKELE QMEDFFLDAP LLPPPSPPPL PPPPLPPAPS LPLSLPSFDL PQPPVLDTLD LLAIYCRNEA GQEEVGMPPL PPPQQPPPPS PPQPSRLAPY PHPATTRGDR KQKKRDQNKS AALRYRQRKR AEGEALEGEC QGLEARNREL KERAESVERE IQYVKDLLIE VYKARSQRTR SC

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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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