

Recombinant Human AATF, GST-tagged

Cat. No. AATF-9201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AATF protein, fused to GST-tag, was expressed in E.coli and purified by GST-sepharose.
Species	Human
Source	E.coli
ProteinLength	7-212a.a.
Description	The protein encoded by this gene was identified on the basis of its interaction with MAP3K12/DLK, a protein kinase known to be involved in the induction of cell apoptosis. This gene product contains a leucine zipper, which is a characteristic motif of transcription factors, and was shown to exhibit strong transactivation activity when fused to Gal4 DNA binding domain. Overexpression of this gene interfered with MAP3K12 induced apoptosis.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	AATF apoptosis antagonizing transcription factor [Homo sapiens]
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Official Symbol	AATF
Synonyms	AATF; apoptosis antagonizing transcription factor; protein AATF; CHE 1; CHE1; DED; rb-binding protein Che-1; apoptosis-antagonizing transcription factor; CHE-1;
Gene ID	26574
mRNA Refseq	NM_012138
Protein Refseq	NP_036270
MIM	608463
UniProt ID	Q9NY61
Chromosome Location	17q12
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem; Regulation of retinoblastoma protein, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signalling by NGF, organism-specific biosystem; p75 NTR receptor-mediated signalling, organism-specific biosystem;
Function	leucine zipper domain binding; protein binding; protein domain specific binding; sequence-specific DNA binding transcription factor activity; tau protein binding;