

Recombinant Human AATF 293 Cell Lysate

Cat. No. AATF-9155HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for apoptosis antagonizing transcription factor (AATF) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

AATF apoptosis antagonizing transcription factor [Homo sapiens]

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;

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Function

leucine zipper domain binding; protein binding; protein domain specific binding;
sequence-specific DNA binding transcription factor activity; tau protein binding;

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