

Recombinant Human APITD1 293 Cell Lysate

Cat. No. APITD1-8794HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for apoptosis-inducing, TAF9-like domain 1 (APITD1), transcript variant B 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

APITD1?apoptosis-inducing, TAF9-like domain 1 [?Homo sapiens?(human)]

Official Symbol

APITD1

Synonyms

APITD1; apoptosis-inducing, TAF9-like domain 1; MHF1; CENPS; CENP-S; FAAP16; centromere protein S; FANCM-interacting histone fold protein 1; Fanconi anemia-associated polypeptide of 16 kDa; apoptosis-inducing TAF9-like domain-containing protein 1

Gene ID

378708

mRNA Refseq

NM_199294

Protein Refseq

NP_954988

MIM

609130

UniProt ID

Q8N2Z9

Chromosome Location

1p36.22

Pathway

Cell Cycle, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; M Phase, organism-specific biosystem; Resolution of Sister Chromatid Cohesion, organism-specific biosystem

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Function

DNA binding; chromatin binding; contributes_to double-stranded DNA binding

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