

Recombinant Human CDK2AP1 293 Cell Lysate

Cat. No. CDK2AP1-7628HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cyclin-dependent kinase 2 associated protein 1 (CDK2AP1) 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

CDK2AP1 cyclin-dependent kinase 2 associated protein 1 [Homo sapiens]

Official Symbol

CDK2AP1

Synonyms

CDK2AP1; cyclin-dependent kinase 2 associated protein 1; CDK2 associated protein 1; cyclin-dependent kinase 2-associated protein 1; doc 1; DOC1; DORC1; p12DOC 1; ST19; Deleted in oral cancer-1; deleted in oral cancer 1; CDK2-associated protein 1; putative oral cancer suppressor; doc-1; p12DOC-1;

Gene ID

8099

mRNA Refseq

NM_004642

Protein Refseq

NP_004633

MIM

602198

UniProt ID

O14519

Chromosome Location

12q24

Function

DNA binding;

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