

Recombinant Human CDK17 293 Cell Lysate

Cat. No. CDK17-7632HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cyclin-dependent kinase 17 (CDK17), transcript variant 1 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	CDK17 cyclin-dependent kinase 17 [Homo sapiens]
Official Symbol	CDK17
Synonyms	CDK17; cyclin-dependent kinase 17; PCTAIRE protein kinase 2 , PCKT2; PCTAIRE2; PCTAIRE-motif protein kinase 2; cell division protein kinase 17; protein kinase cdc2-related PCTAIRE-2; serine/threonine-protein kinase PCTAIRE-2; PCKT2;
Gene ID	5128
mRNA Refseq	NM_001170464
Protein Refseq	NP_001163935
MIM	603440
UniProt ID	Q00537
Chromosome Location	12q23.1
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding; protein kinase activity;

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