

Recombinant Human CDK20 293 Cell Lysate

Cat. No. CDK20-7629HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cyclin-dependent kinase 20 (CDK20), 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

CDK20 cyclin-dependent kinase 20 [Homo sapiens]

Official Symbol

CDK20

Synonyms

CDK20; cyclin-dependent kinase 20; CCRK, cell cycle related kinase; p42; CAK-kinase p42; CDK-activating kinase p42; cell cycle-related kinase; cell division protein kinase 20; cyclin-dependent protein kinase H; cyclin-kinase-activating kinase p42; P42; CCRK; CDCH; PNQALRE;

Gene ID

23552

mRNA Refseq

NM_001039803

Protein Refseq

NP_001034892

MIM

610076

UniProt ID

Q8IZL9

Chromosome Location

9q22.1

Function

ATP binding; cyclin-dependent protein kinase activity; nucleotide binding;

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