

Recombinant Human CDK15 293 Cell Lysate

Cat. No. CDK15-7633HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cyclin-dependent kinase 15 (CDK15) 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

CDK15 cyclin-dependent kinase 15 [Homo sapiens]

Official Symbol

CDK15

Synonyms

CDK15; cyclin-dependent kinase 15; ALS2CR7, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7 , PFTAIRE protein kinase 2 , PFTK2; PFTAIRE2; PFTAIRE protein kinase 2; cell division protein kinase 15; serine/threonine protein kinase; serine/threonine-protein kinase ALS2CR7; serine/threonine-protein kinase PFTAIRE-2; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 7 protein; PFTK2; ALS2CR7;

Gene ID

65061

mRNA Refseq

NM_139158

Protein Refseq

NP_631897

UniProt ID

Q96Q40

Chromosome Location

2q33.2

Function

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

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