Recombinant Human CCNH 293 Cell Lysate

Cat. No. CCNH-7705HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for cyclin H (CCNH) 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.
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.

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GENE INFORMATION

Gene Name	CCNH cyclin H [Homo sapiens]
Official Symbol	CCNH
Synonyms	CCNH; cyclin H; cyclin-H; CAK complex subunit; CDK activating kinase complex subunit; cyclin dependent kinase activating kinase complex subunit; MO15 associated protein; p34; p37; MO15-associated protein; CDK-activating kinase complex subunit; cyclin-dependent kinase-activating kinase complex subunit; CAK;
Gene ID	902
mRNA Refseq	NM_001199189
Protein Refseq	NP_001186118
MIM	601953
UniProt ID	P51946
Chromosome Location	5q13.3-q14
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, organism-specific biosystem;
Function	contributes_to DNA-dependent ATPase activity; contributes_to RNA polymerase II

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	carboxy-terminal domain kinase activity; protein binding; contributes_to protein kinase activity; protein kinase binding;

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