Recombinant Human CCNT2 293 Cell Lysate

Cat. No. CCNT2-7701HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for cyclin T2 (CCNT2), transcript variant a 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	CCNT2 cyclin T2 [Homo sapiens]
Official Symbol	CCNT2
Synonyms	CCNT2; cyclin T2; cyclin-T2; cyclin T2a; cyclin T2b; SDS-stable vimentin-bound DNA fragment HEF42VIM22; subunit of positive elongation transcription factor b; CYCT2; FLJ13583; FLJ90560; MGC134840;
Gene ID	905
mRNA Refseq	NM_001241
Protein Refseq	NP_001232
MIM	603862
UniProt ID	O60583
Chromosome Location	2q21.3
Pathway	Disease, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem; Formation of RNA Pol II elongation complex, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle,

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	organism-specific biosystem; HIV-1 elongation arrest and recovery, organism-specific biosystem;
Function	protein kinase binding;

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