

Recombinant Human CCT6B 293 Cell Lysate

Cat. No. CCT6B-7687HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for chaperonin containing TCP1, subunit 6B (zeta 2) (CCT6B) 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

CCT6B chaperonin containing TCP1, subunit 6B (zeta 2) [Homo sapiens]

Official Symbol

CCT6B

Synonyms

CCT6B; chaperonin containing TCP1, subunit 6B (zeta 2); T-complex protein 1 subunit zeta-2; Cctz2; TSA303; testis-specific Tcp20; testis-specific protein TSA303; T-complex protein 1, zeta-2 subunit; CCTZ-2; CCT-zeta-2; TCP-1-zeta-2;

Gene ID

10693

mRNA Refseq

NM_001193529

Protein Refseq

NP_001180458

MIM

610730

UniProt ID

Q92526

**Chromosome
Location**

17q

Function

ATP binding; nucleotide binding; protein transporter activity; unfolded protein binding;

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