

Recombinant Human CCT8 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CCT8-336H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCT8 MS Standard C13 and N15-labeled recombinant protein (NP_006576) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the theta subunit of the CCT chaperonin, which is abundant in the eukaryotic cytosol and may be involved in the transport and assembly of newly synthesized proteins. Alternative splicing results in multiple transcript variants of this gene. A pseudogene related to this gene is located on chromosome 1. [provided by RefSeq, Sep 2013]
Molecular Mass	59.6 kDa
AA Sequence	MALHVPKAPGFAQMLKEGAKHFSGLEEA VYRNIQACKELAQTTTRTAYGPNGMNKM VINHLEKLFVTNDAATILRELEVQH PAAKMIVMASHMQEQEVGDGTNFVLVFAGALL ELAEELLRIGLSVSEVIEGYEIA CRKAHEILPNLVCCSAKNLRDIDEVSSLLRTSIMSKQ YGNEVFLAKLIAQACVSIFPDSGHFNVDNIRVCKILGSGISSSSVLHGMVFKKETEGD VTSVKDAKIAVYSCPFDMITETKGT VLIKTAEELMNFSKGEENLMDAQVKAIADTGA NVVVTGGKVADMALHYANKYNIMLVRLNSKWDLRR LCKTVGATALPRLTPPVLEEM GHCDSVYLSEVGDTQVVVFKHEKEDGAISTIVLRGSTDNLMD DIERAVDDGVNTFKV LTRDKRLVPGGGATEIELAKQITSYGETCPGLEQYAIKKFAEAFEIPRALAENSGVK

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ANEVISKLYAVHQEGNKNVGLDIEAEVPAVKDMLEAGILDTYLGKYWAIKLATNAAVT
VLRVDQIIMAKPAGGPKPPSGKKDWDDQNDTRTRPLEQKLISEEDLAANDILDYKD
DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CCT8 chaperonin containing TCP1, subunit 8 (theta) [Homo sapiens (human)]

Official Symbol CCT8

Synonyms CCT8; chaperonin containing TCP1, subunit 8 (theta); C21orf112, chromosome 21 open reading frame 112; T-complex protein 1 subunit theta; Cctq; PRED71; CCT-theta; TCP-1-theta; renal carcinoma antigen NY-REN-15; T-complex protein 1, theta subunit; D21S246; C21orf112; KIAA0002;

Gene ID 10694

mRNA Refseq NM_006585

Protein Refseq NP_006576

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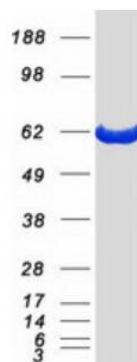
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MIM 617786

UniProt ID P50990

SDS-PAGE



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