

Recombinant Human CCT4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CCT4-6363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCT4 MS Standard C13 and N15-labeled recombinant protein (NP_006421) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The chaperonin containing TCP1 complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin and tubulin, as well as alpha-transducin.
Molecular Mass	57.7 kDa
AA Sequence	MPENVAPRSGATAGAAGGRGKGAYQDRDKPAQIRFSNISAAKAVADAIRTS LGPKG MDKMIQDGKGDVTITNDGATILKQMQLVHPAARMMLVELSKAQDIEAGDGTTSVVIAG SLLDSCTKLLQKGIHPTIISESFQKALEKGIEILTDMSRPVELSDRETLNLSATTSLSK VVSQYSSLLSPMSVNAVMMKVIDPATATSVDLRDIKIVKKLGGTIDDCELVEGLVLTQK VSNSGITRVEKAKIGLIQFCLSAPKTDMDNQIVVSDYAQMDRVLREERAYILNLVKQIK KTGCNVLLIQKSILRDALSDALHFLNKMIMVIKDIEREDIEFICKTIGTKPVAHIDQFT ADMLGSAELAEVNLNGSGKLLKITGCASPGKTVTIVVRGSNKLVEEAERSIHDALC

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VIRCLVKKRALIAGGGAPEIELALRLTEYSRTLSGMESYCVRAFADAMEVIPSTLAEN
AGLNPISTVTELRNRHAQGEKTAGINVRKGGISNILEELVVQPLLVSVSALTLATETVR
SILKIDDVVNTRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 CCT4 chaperonin containing TCP1 subunit 4 [Homo sapiens (human)]

Official Symbol CCT4

Synonyms CCT4; chaperonin containing TCP1, subunit 4 (delta); T-complex protein 1 subunit delta; Cctd; TCP-1-delta; stimulator of TAR RNA-binding; chaperonin containing t-complex polypeptide 1, delta subunit; SRB; CCT-DELTA; MGC126164; MGC126165;

Gene ID 10575

mRNA Refseq NM_006430

Protein Refseq NP_006421

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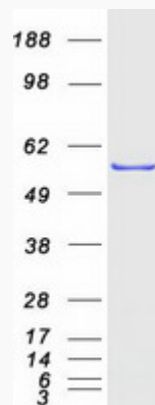
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MIM 605142

UniProt ID P50991

SDS-PAGE



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