

Recombinant Human CCT6B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CCT6B-1243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCT6B MS Standard C13 and N15-labeled recombinant protein (NP_006575) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a molecular chaperone that is a member of the chaperonin-containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternative splicing results in multiple transcript variants.
Molecular Mass	57.8 kDa
AA Sequence	MAAIKAVNSKAEVARAQAALAVNICAARGLQDVLRTNLGPKGTMKMLASGAGDIKLT KDG NVLLDEM QIQHPTASLIAKVATAQDDVTGDGTTSNVLIIGELLKQADLYISEGLHP RIIAEGFEAAKIKALEVLEE VKVT KEMKR KILLDVARTSLQTKVHAELADVLTEVVVDS VLAVRRPGYPIDLFMVEIMEMKHKLGTDTKLIQGLVLDHGARHPDMKKRVEDAFILIC NVSLEYEKTEVNSGFFYKTAE EKEKL VKAERKFIEDRVQKIIDLKDKVCAQSNKGFV INQKGIDPFSLSLAKHGIVALRRAKRRNMERLSLACGGMAVNSFEDLTVDC LGHAG LVYEYTLGEEKFTFIEECVNPCSVTLLVKGP NKHTLTQVKDAIRDGLRAIKNAIEDGC

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MVPGAGAIEVAMAEALVTYKNSIKGRARLGVQAFADALLIIPKVLAQNAGYDPQETLV
KVQAEHVESKQLVGVDLNTGEPMAADAGVWDNYCVKKQLLHSTVIATNILLVDEI
MRAGMSSLKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 CCT6B chaperonin containing TCP1 subunit 6B [Homo sapiens (human)]

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

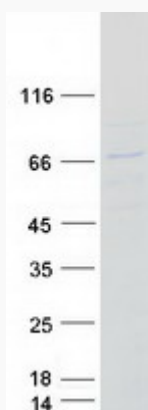
mRNA Refseq NM_006584

Protein Refseq NP_006575

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