

Recombinant Full Length Human CCT6B Protein, GST-tagged

Cat. No. CCT6B-2940HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCT6B full-length ORF (AAH27591, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	530 amino acids
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. [provided by RefSeq, Feb 2015]
Molecular Mass	84.04 kDa
AA Sequence	MAAIKAVNSKAEVARAQAALAVNICAARGLQDVLRTNLGPKGTMKMLASGAGDIKLT KDG NVLLDEM QIQHPTASLIAKVATAQDDVTGDGTTSNVLIIGELLKQADLYISEGLHP RIIAEGFEAAKIKALEVLEE VKVT KEMKR KILLDVARTSLQTKVHAELADVLTEVVVDS VLAVRRPGYPIDLFMVEIMEMKHKLGTDTKLIQGLVLDHGARHPDMKKRVEDAFILIC NVSLEYEKTEVNSGFFYKTAEEKEKLVKAERKFIEDRVQKIIDLKDKVCAQSNKGFVV INQKGIDPFSLD SLAKHGIVALRRAKRRNMERLSLACGGMAVNSFEDLTVDC LGHAG

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LVYEYTLGEEKFTFIEECVNPCSVTLLVKGPNKHTLTQVKDAIRDGLRAIKNAIEDGC
MVPGAGAIEVAMAEALVTYKNSIKGRARLGVQAFADALLIIPKVL AQNAGYDPQETLV
KVQAEHVESKQLVGVDLNTGEP MVAADAGVWDNYCVKKQLLHSCTVIATNILLVDEI
MRAGMSSSLK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

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