

Product datasheet for **TP305267M**

CCT6B (NM_006584) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chaperonin containing TCP1, subunit 6B (zeta 2) (CCT6B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205267 protein sequence Red =Cloning site Green =Tags(s)

MAAIKAVNSKAEVARAQAALAVNICAARGLQDVLRTNLGPKGTMKMLASGAGDIKLTGDGNVLLDEMCIQ
HPTASLIAKVATAQDDVTGDGTTSNVLIIGELLKQADLYISEGLHPRIIAEGFEAAKIKALEVLEEVKVT
KEMKRKILLDVARTSLQTKVHAELADVLEVVVDSVLAVRRPGYPIDLFMVEIMEMKHKLGTDTKLIQGL
VLDHGARHPDMKKRVEDAFILICNVSLEYEKTEVNSGFFYKTAAEKEKLVKAERKFIEDRVQKIIDLKDK
VCAQSNKGFVVINQKIDPFSLSLAKHGIVALRRARRNMERLSLACGGMAVNSFEDLTVDCLGHAGLV
YEYTLGEEKFTFIEECVNPCSVTLLVKGPKNKHTLTQVKDAIRDGLRAIKNAIEDGCMVPGAGAIEVAMAE
ALVTYKNSIKGRARLGVQAFADALLIIPKVLQANAGYDPQETLVKVVQAEHVESKQLVGVDLNTGEPMVAA
DAGVWDNYCVKKQLLHSTVIATNILLVDEIMRAGMSSLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

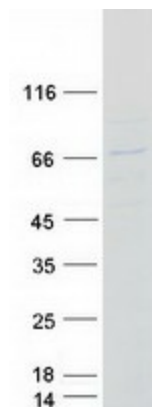
Tag:	C-Myc/DDK
Predicted MW:	57.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006575
Locus ID:	10693
UniProt ID:	Q92526
RefSeq Size:	1898
Cytogenetics:	17q12
RefSeq ORF:	1590
Synonyms:	CCT-zeta-2; CCTZ-2; Cctz2; TCP-1-zeta-2; TSA303
Summary:	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]

Product images:



Coomassie blue staining of purified CCT6B protein (Cat# [TP305267]). The protein was produced from HEK293T cells transfected with CCT6B cDNA clone (Cat# [RC205267]) using MegaTran 2.0 (Cat# [TT210002]).