

## Product datasheet for PH305267

### CCT6B (NM\_006584) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CCT6B MS Standard C13 and N15-labeled recombinant protein (NP_006575)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205267
Predicted MW:	57.8 kDa
Protein Sequence:	>RC205267 protein sequence Red=Cloning site Green=Tags(s)

MAAIKAVNSKAEVARAQAALAVNICAARGLQDVLRTNLGPKGTMKMLASGAGDIKLTKDGNVLLDEMCIQ  
HPTASLI AKVATAQDDVTGDGTTSNVLIIGELLKQADLYISEGLHPRIIAEGFEAAKIKALEVLEEKVT  
KEMKRKILLDVARTSLQTKVHAELADVLTEVVVDSVLAVRRPGYPIDLFMVEIMEMKHKLGTDTKLIQGL  
VLDHGARHPDMKKRVEDAFILICNVSLEYEKTEVNSGFFYKTAEEKEKLVKAERKFIEDRVQKIIDLKDK  
VCAQSNKGFVVINQKGIDPFLDSLAKHGIVALRRAKRRNMERLSLACGGMAVNSFEDLTVDCGLGHAGLV  
YEYTLGEEKFTFIEECVNPCSVTLLVKGPNKHTLTQVKDAIRDGLRAIKNAIEDGCMVPGAGAIEVAMAE  
ALVITYKNSIKGRARLVQAFADALLIIPKVL AQNAGYDPQETLVKVQAEHVESKQLVGVDLNTGEPMVAA  
DAGVWDNYCVKKQLLHSTVIATNILLVDEIMRAGMSSLK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006575</u>
RefSeq Size:	1898
RefSeq ORF:	1590



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**Synonyms:** CCT-zeta-2; CCTZ-2; Cctz2; TCP-1-zeta-2; TSA303

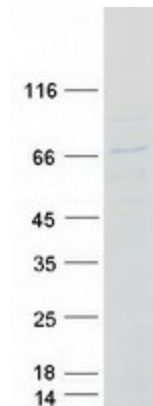
**Locus ID:** 10693

**UniProt ID:** [Q92526](#)

**Cytogenetics:** 17q12

**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]).