

## Product datasheet for TP312330

### CCT6A (NM\_001009186) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens chaperonin containing TCP1, subunit 6A (zeta 1) (CCT6A), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212330 representing NM_001009186 Red=Cloning site Green=Tags(s)

MAAVKTLNPKAEVARAQAALAVNISAARGLQDVLRTNLGPKGTMKMLVSGAGDIKLTKDGNVLLHEMGLH  
PRIITEGFEEAAKEKALQFLEEVKVSREMDRETLIDVARTSLRTRKVHAEADVLEAVVDSILAIAKKQDEP  
IDLFMIEIMEMKHKSETDTSLIRGLVLDHGARHPDMKKRVEDAYILTCNVSLEYEKTEVNSGFFYKSAEE  
REKLVKAERKFIEDRVKIIELKRKVCSDKGFVINQKIDPFSLDALSKEGIVALRRARRRNMERLT  
LACGGVALNSFDDLSPDCLGHAGLVYEYTLGEEKFTFIEKCNNPRSVTLIKGPNKHTLTQIKDAVRDGL  
RAVKNAIDDDGCVVPGAGAVEVAMAEALIKHKPSVKGRAQLGVQAFADALLIPKVLQNSGFDLQETLVK  
IQAEHSESGQLVGVDLNTGEPMVAAEVGWDNYCVKQQLLHSTVIATNILLVDEIMRAGMSSLKG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

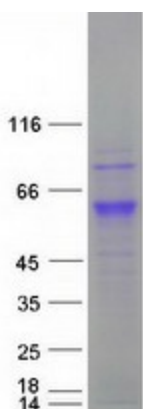
Tag:	C-Myc/DDK
Predicted MW:	53.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_001009186</a>
Locus ID:	908
UniProt ID:	<a href="#">P40227</a> , <a href="#">P40227-2</a>
RefSeq Size:	2547
Cytogenetics:	7p11.2
RefSeq ORF:	1458
Synonyms:	CCT-zeta; CCT-zeta-1; CCT6; Cctz; HTR3; MoDP-2; TCP-1-zeta; TCP20; TCPZ; TTC20
Summary:	The protein encoded by this gene is 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. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, several pseudogenes of this gene have been located. [provided by RefSeq, Jun 2010]

### Product images:



Coomassie blue staining of purified CCT6A protein (Cat# TP312330). The protein was produced from HEK293T cells transfected with CCT6A cDNA clone (Cat# [RC212330]) using MegaTran 2.0 (Cat# [TT210002]).