

## Product datasheet for TP328371

### TCP1 eta (CCT7) (NM\_001166284) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens chaperonin containing TCP1, subunit 7 (eta) (CCT7), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228371 representing NM_001166284 Red=Cloning site Green=Tags(s)

MMVGDGTTSVTLAAEFLKQVKPYVEEGLHPQIIIRAFRTATQLAVNKIKEIAVTVKKADKVEQRKLEK  
CAMTALSSKLISQQAFFAKMVDVAVMMLDLLQLKMIGIKKVQGGAELEDSQLVAGVAFKKTFSYAGFEM  
QPKKYHNPKIALLNVELELKAEKDNAEIRVHTVEDYQAIVDAEWNILYDKLEKIHHSAGAKVLSKLPID  
VATQYFADRDVFCAGRVPEEDLKRTMMACGSGIQTSVNALSADVLGRCQVFEETQIGGERYNFFTGCPKA  
KTCTFILRGGAEQFMEETERSLHDAIMIVRRAIKNDSVWAGGGAEMELSKYLRDYSRTIPGKQQLLIGA  
YAKALEIIPRQLCDNAGFDATNILNKLRRARHAQGGTWYGVDDINNEADIADNFEAFVWEPAMVRINALTAAS  
EAACLIVSDETIKNPRSTVDAPTAAGRGRGRGRPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	50.2 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:	NULL or Add: Recombinant proteins 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: [NP\\_001159756](#)

Locus ID: 10574

UniProt ID: [Q99832](#)

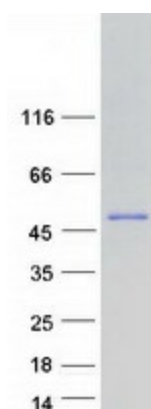
Cytogenetics: 2p13.2

RefSeq ORF: 1368

Synonyms: CCTETA; CCTH; NIP7-1; TCP1ETA

**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. Related pseudogenes have been identified on chromosomes 5 and 6. [provided by RefSeq, Oct 2009]

### Product images:



Coomassie blue staining of purified CCT7 protein (Cat# TP328371). The protein was produced from HEK293T cells transfected with CCT7 cDNA clone (Cat# [RC228371]) using MegaTran 2.0 (Cat# [TT210002]).