

## Product datasheet for **TP508575**

### Cct2 (NM\_007636) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chaperonin containing Tcp1, subunit 2 (beta) (Cct2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208575 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASLSLAPVNIKAGADEERAETARLSSFIGAIAIGDLVKSTLGPKGMDKILLSSGRDAALMVTNDGATI LKNIGVDNPAAKVLVDMRSVQDDEVGDGTTSVTLAAELLREAESLIAKKIHPQTIISGWREATKAAREA LLSSAVDHGSDAEARFWQDLMNIAGTTLSSKLLTHHKDHFTKLAVEAVLRLKSGSNLEAIHVIKLGGLA DSYLDEGFLLDKKIGVNPQKRIENAKILANTGMDTDKIKIFGSRVRVDSTAKVAEIEHAEKEKMKEKVE RILKHGINCFINRQLIYNYPEQLFGAAGVMAIEHADDFAGVERLALVTGGEIASTFDHPELVKLGSKLIE EVMIGEDKLIHFSGVALGEACTIVLRGATQQILDEAERSLHDALCVLAQTVKDPRTVYGGGCSEMLMAHA VTQLANRTPGKEAVAMESFAKALRMLPTIADNAGYDSADLVAQLRAAHSEGHITAGLDMKEGTIGDMAV LGITESFQVKRQVLLSAAEAAEVILRVDNIIKAAPRKRVPDHHPC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	57.5 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
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 after receiving vials.
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:	<a href="#">NP_031662</a>



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Locus ID: 12461

UniProt ID: [P80314](#), [Q542X7](#)

RefSeq Size: 1962

Cytogenetics: 10 D2

RefSeq ORF: 1608

Synonyms: Cctb

**Summary:** Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis. The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance. As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. The TRiC complex plays a role in the folding of actin and tubulin.[UniProtKB/Swiss-Prot Function]