

## Product datasheet for TP321229L

### CCT3 (NM\_005998) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chaperonin containing TCP1, subunit 3 (gamma) (CCT3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221229 representing NM_005998 Red=Cloning site Green=Tags(s)

MMGHRPVLVLSQNTKRESGRKVQSGNINAAKTIADIIRTCLGPKSMMKMLLDPMGGIVMTNDGNAILREI  
QVQHPAAKSMIEISRTQDEEVGDGTTSVIILAGEMLSVAEHFLEQQMHPTVVISAYRKALDDMISTLKKI  
SIPVDISDSMMLNIIINSSITTKAISRWSSLACNIALDAVKMVQFEENGRKEIDIKKYARVEKIPGGIIE  
DSCVLRGVMINKDVTHPRMRRYIKNPRIVLLDSSLEYKKGESQTDIEITREEDFRILQMEEEYIQLCE  
DIIQLKPDVWITEKGISDLAQHYLMRANITAIRRVKTDNNRIARACGARIVSRPEELREDDVGTGAGLL  
EIKKIGDEYFTFITDCKDPKACTILLRGASKEILSEVERNLDAMQVCRNVLLDPQLVPGGGASEMAVAH  
ALTEKSKAMTGVEQWPYRAVAQALEVIPRTLIQNCGASTIRLLTSLRAKHTQENCETWGVNGETGTLVDM  
KELGIWEPLAVKLQTYKTAVETAVLLLRIDDIVSGHKKKGGDDQSRQGGAPDAGQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	60.4 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005989</a>
<b>Locus ID:</b>	7203
<b>UniProt ID:</b>	<a href="#">P49368</a> , <a href="#">B3KX11</a> , <a href="#">Q59H77</a>
<b>RefSeq Size:</b>	2096
<b>Cytogenetics:</b>	1q22
<b>RefSeq ORF:</b>	1635
<b>Synonyms:</b>	CCT-gamma; CCTG; PIG48; TCP-1-gamma; TRIC5
<b>Summary:</b>	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 have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8. [provided by RefSeq, Aug 2010]

### Product images:



Coomassie blue staining of purified CCT3 protein (Cat# [TP321229]). The protein was produced from HEK293T cells transfected with CCT3 cDNA clone (Cat# [RC221229]) using MegaTran 2.0 (Cat# [TT210002]).