

Product datasheet for TP508720

Cct8 (NM_009840) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chaperonin containing Tcp1, subunit 8 (theta) (Cct8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208720 protein sequence Red=Cloning site Green=Tags(s)

MALHVPKAPGFAQMLKDGAKHFSGLEEAVYRNIQACKELAQTTRTAYGPNGMNMKVINRLEKLFVTNDAA
TILRELEVQHPAAKMIVMASHMQEQEVGDGTNFVLVAFAGALLEAEELLRIGLSVSEVISGYEIAACKKAH
EILPELVCCSAKNLRDVEVSSLLRRTSIMSKQYGETFLAKLIAQACVSIFPDSGNFNVDNIRVCKILGS
GIYSSSVLHGMVFKKETEGDVTSVKDAKIAVYSCPFDMITETKGTVLIKTAEELMNFSGKEENLMDAQV
KAIAGTGANVIVTGGKVADIALHYANKYNIMLVRLNSKWDLRRLCKTVGATALPKLTPPVQEEMGHCDVS
YLSEVGDQVVVFKHEKEDGAISTIVLRGSTDNLMDIERAVDDGVNTFKVLTRDKRLVPGGGATEIELA
KQITSYGETCPGLEQYAIKKFAEAFEIPRALAENSGVKANEVISKLYSVHQEGNKNVGLDIEAEVPAVK
DMLEASILDYLGKYWAIKLATNAAVTVLRVDQIIMAKPAGGPKPPSGKKDWDDDDQND

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	59.6 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:	NP_033970



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Locus ID: 12469

UniProt ID: [P42932](#), [Q3UL22](#), [Q8BVY8](#)

RefSeq Size: 2391

Cytogenetics: 16 C3.3

RefSeq ORF: 1647

Synonyms: A1132397; Cctq; Tcpg

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]