

Recombinant Human CCT2 Protein (Met1-Met488), His tagged

Cat. No. CCT2-1463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCT2 (Met1-Met488) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Met488
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	49.92 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles.

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Store at 2 to 8 centigrade for one week.
Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name CCT2 chaperonin containing TCP1, subunit 2 (beta) [Homo sapiens (human)]

Official Symbol CCT2

Synonyms CCT2; chaperonin containing TCP1, subunit 2 (beta); T-complex protein 1 subunit beta; Cctb; T-complex protein 1, beta subunit; chaperonin containing t-complex polypeptide 1, subunit 2; chaperonin containing t-complex polypeptide 1, beta subunit; CCTB; 99D8.1; PRO1633; CCT-beta; TCP-1-beta; MGC142074; MGC142076;

Gene ID 10576

mRNA Refseq NM_001198842

Protein Refseq NP_001185771

MIM 605139

UniProt ID P78371

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