Recombinant Human CCT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CCT3-467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCT3 MS Standard C13 and N15-labeled recombinant protein (NP_005989) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	60.4 kDa
AA Sequence	MMGHRPVLVLSQNTKRESGRKVQSGNINAAKTIADIIRTCLGPKSMMKMLLDPMGGI VMTNDGNAILREIQVQHPAAKSMIEISRTQDEEVGDGTTSVIILAGEMLSVAEHFLEQ QMHPTVVISAYRKALDDMISTLKKISIPVDISDSDMMLNIINSSITTKAISRWSSLACNIA LDAVKMVQFEENGRKEIDIKKYARVEKIPGGIIEDSCVLRGVMINKDVTHPRMRRYIK NPRIVLLDSSLEYKKGESQTDIEITREEDFTRILQMEEEYIQQLCEDIIQLKPDVVITEK

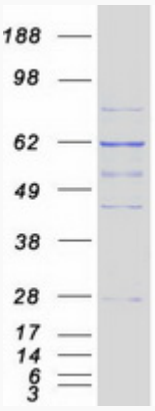
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	GISDLAQHYLMRANITAIRRVRKTDNNRIARACGARIVSRPEELREDDVGTGAGLLEI KKIGDEYFTFITDCKDPKACTILLRGASKEILSEVERNLQDAMQVCRNVLLDPQLVPG GGASEMAVAHALTEKSKAMTGVEQWPYRAVAQALEVIPRTLIQNCGASTIRLLTSLR AKHTQENCETWGVNGETGTLVDMKELGIWEPLAVKLQTYKTAVETAVLLLRIDDIVS GHKKKGDDQSRQGGAPDAGQETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CCT3 chaperonin containing TCP1 subunit 3 [Homo sapiens (human)]
Official Symbol	CCT3
Synonyms	CCT3; chaperonin containing TCP1, subunit 3 (gamma); TRIC5; T-complex protein 1 subunit gamma; Cctg; hTRiC5; T-complex protein 1, gamma subunit; TCP1 (t-complex-1) ring complex, polypeptide 5; CCTG; PIG48; CCT-gamma; TCP-1-gamma;
Gene ID	7203
mRNA Refseq	NM_005998

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Protein Refseq	NP_005989
MIM	600114
UniProt ID	P49368
SDS-PAGE	

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