

Recombinant Human CCT3, GST-tagged

Cat. No. CCT3-10896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCT3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	245-544
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CCT3 chaperonin containing TCP1, subunit 3 (gamma) [Homo sapiens]
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;

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Gene ID	7203
mRNA Refseq	NM_001008800
Protein Refseq	NP_001008800
MIM	600114
UniProt ID	P49368
Chromosome Location	1q23
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Folding of actin by CCT/TriC, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT/TriC, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein binding; unfolded protein binding;