

Recombinant Human CCT7, His-tagged

Cat. No. CCT7-10900H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCT7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	240-543a.a.
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	CCT7 chaperonin containing TCP1, subunit 7 (eta) [Homo sapiens]
Official Symbol	CCT7
Synonyms	CCT7; chaperonin containing TCP1, subunit 7 (eta); T-complex protein 1 subunit eta; Ccth; Nip7 1; CCT-eta; TCP-1-eta; HIV-1 Nef interacting protein; HIV-1 Nef-interacting protein; chaperonin containing t-complex polypeptide 1, eta subunit; CCTH; CCTETA; NIP7-1; TCP1ETA; MGC110985;

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Gene ID	10574
mRNA Refseq	NM_001009570
Protein Refseq	NP_001009570
MIM	605140
UniProt ID	Q99832
Chromosome Location	2p13.2
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; identical protein binding; nucleotide binding; unfolded protein binding;