

Recombinant Human CCT7 Protein, MYC/DDK-tagged

Cat. No. CCT7-3007H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCT7 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes 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. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 6.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CCT7 chaperonin containing TCP1, subunit 7 (eta) [Homo sapiens]
Official Symbol	CCT7
Synonyms	CCTETA; CCTH; NIP7-1; TCP1ETA
Gene ID	10574
mRNA Refseq	NM_001009570
Protein Refseq	NP_001009570
MIM	605140
UniProt ID	Q99832

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