

CCT5 抗原（重组蛋白）

中文名称：CCT5 抗原（重组蛋白）

英文名称：CCT5 Antigen (Recombinant Protein)

别名：CCTE; HEL-S-69; PNAS-102; CCT-epsilon; TCP-1-epsilon

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 342-541 amino acids of human CCT5

技术规格：

Full name:	chaperonin containing TCP1 subunit 5
Synonyms:	CCTE; HEL-S-69; PNAS-102; CCT-epsilon; TCP-1-epsilon
Swissprot:	P48643
Gene Accession:	BC006543
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. Mutations in this gene cause hereditary sensory and autonomic neuropathy with spastic paraplegia (HSNSP). Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 5 and 13.

