

# Recombinant Human CCT5

Catalog No: #GP13429



Package Size: #GP13429-1 100ug

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## Description

Product Name	Recombinant Human CCT5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 342-541 amino acids of human CCT5
Target Name	chaperonin containing TCP1 subunit 5
Other Names	CCTE; HEL-S-69; PNAS-102; CCT-epsilon; TCP-1-epsilon
Accession No.	Swissprot:P48643Gene Accession:BC006543
Uniprot	P48643
GeneID	22948;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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