

Recombinant Full Length Human CCT4 Protein, His tagged

Cat. No. CCT4-08HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human chaperonin containing TCP1, subunit 4 (delta) (CCT4), with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-539 aa
Description	The chaperonin containing TCP1 complex (CCT), also called the TCP1 ring complex, consists of 2 back-to-back rings, each containing 8 unique but homologous subunits, such as CCT4. CCT assists the folding of newly translated polypeptide substrates through multiple rounds of ATP-driven release and rebinding of partially folded intermediate forms. Substrates of CCT include the cytoskeletal proteins actin and tubulin, as well as alpha-transducin.
Tag	N-His
Molecular Mass	57.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method

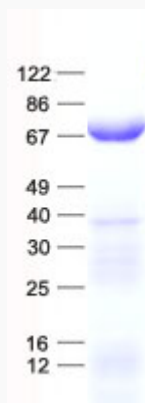
GENE INFORMATION

Gene Name	CCT4 chaperonin containing TCP1 subunit 4 [Homo sapiens (human)]
Official Symbol	CCT4
Synonyms	CCT4; chaperonin containing TCP1 subunit 4; SRB; Cctd; CCT-DELTA; T-complex protein 1 subunit delta; TCP-1-delta; chaperonin containing T-complex polypeptide 1 subunit 4; chaperonin containing TCP1, subunit 4 (delta); chaperonin containing t-complex polypeptide 1, delta subunit; stimulator of TAR RNA-binding
Gene ID	10575
mRNA Refseq	NM_006430
Protein Refseq	NP_006421
MIM	605142
UniProt ID	P50991

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SDS-PAGE

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