

Recombinant Human CCT5, GST-tagged

Cat. No. CCT5-10898H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCT5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
Description	Hepatitis delta virus (HDV) is a pathogenic human virus whose RNA genome and replication cycle resemble those of plant viroids. Delta-interacting protein A (DIPA), a cellular gene product, has been found to have homology to hepatitis delta virus antigen (HDAg). DIPA interacts with the viral antigen, HDAg, and can affect HDV replication in vitro.
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CCT5 chaperonin containing TCP1, subunit 5 (epsilon) [Homo sapiens]
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Official Symbol	CCT5
Synonyms	CCT5; chaperonin containing TCP1, subunit 5 (epsilon); T-complex protein 1 subunit epsilon; KIAA0098; T-complex protein 1, epsilon subunit; CCTE; CCT-epsilon; TCP-1-epsilon;
Gene ID	22948
mRNA Refseq	NM_012073
Protein Refseq	NP_036205
MIM	610150
UniProt ID	P48643
Chromosome Location	5
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; nucleotide binding; unfolded protein binding;

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