



Recombinant Human T-complex protein 1 subunit eta (CCT7)

Product Code	CSB-MP859112HU
Abbreviation	CCT7
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99832
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MMPTPVILLK EGTDSSQGIP QLVSNISACQ VIAEAVRTTL GPRGMDKLIV DGRGKATISN DGATILKLLD VVHPAAKTLV DIAKSQDAEV GDGTTSVTLL AAEFLKQVKP YVEEGLHPQI IIRAFRTATQ LAVNKIKEIA VTVKKADKVE QRKLLKCAM TALSSKLISQ QKAFFAKMVV DAVMMLDDL QLKMIGIKKV QGGALDSQL VAGVAFKKT SYAGFEMQPK KYHNPKIAL NVELELKAEK DNAEIRVHTV EDYQAIVDAE WNILYDKLEK IHHSAGKVVV SKLPIGDVAT QYFADRDVFC AGRVPEEDLK RTMMACGGSI QTSVNALSAD VLGRCQVFEE TQIGGERYNF FTGCPKAKTC TFIIRGGAEQ FMEETERSLH DAIMIVRAI KNDSVVAGGG AIEMELSKYL RDYSRTIPGK QLLIGAYAK ALEIIPRQLC DNAGFDATNI LNKLRARHAQ GGTWYGVDIN NEDIADNFEA FVWEPAMVRI NALTAASEAA CLIVSVDETI KNPRSTVDAP TAAGRGRGRG RPH
Source	Mammalian cell
Target Names	CCT7
Protein Names	Recommended name: T-complex protein 1 subunit eta Short name= TCP-1-eta Alternative name(s): CCT-eta HIV-1 Nef-interacting protein
Expression Region	1-543
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.