

Recombinant Human CCT6A Protein (2-531 aa), His-tagged

Cat. No. CCT6A-2124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCT6A Protein (2-531 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	2-531 aa
Description	Molecular chaperone; assists the folding of proteins upon ATP hydrolysis. Known to play a role, in vitro, in the folding of actin and tubulin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	61.9 kDa
AA Sequence	AAVKTLNPKAEVARAQAALAVNISAARGLQDVLRTNLGPKGTMKMLVSGAGDIKLT K DGNVLLHEMQIQHPTASLIAKVATAQDDITGDGTTSNVLIIGELLKQADLYISEGLHPRI ITEGFEEAAKEKALQFLEEVKVSREMDRETLDVARTSLRTKVHAELADVLTEAVVDSIL AIKKQDEPIDLFMIEIMEMKHKSETDTSLIRGLVLDHGARHPDMKKRVEDAYILTCNVS LEYEKTEVNSGFFYKSAEEREKLVKAERKFIEDRVKKIIELEKRVKCGDSDKGFVVINQ KGIDPFSLDALSKEGIVALRRARRNMRRLTACGGVALNSFDDLSPDCLGHAGLVY EYTLGEEKFTFIEKCNNPRSVTLIKGPNKHTLTQIKDAVRDGLRAVKNAIDGCVVP GAGAVEVAMAEALIKHKPSVKGRAQLGVQAFADALLIIPKVLAQNSGFDLQETLVKIQ

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	AEHSESGQLVGVDLNTGEPMVAAEVGVWDNYCVKKQLLHSCTVIATNILLVDEIMRA GMSSLKG
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	CCT6A chaperonin containing TCP1, subunit 6A (zeta 1) [Homo sapiens]
Official Symbol	CCT6A
Synonyms	CCT6A; CCT6; Cctz; HTR3; TCP20; TCPZ; TTCP20; MoDP-2; CCT-zeta; CCT-zeta-1; TCP-1-zeta; MGC126214; MGC126215;
Gene ID	908
mRNA Refseq	NM_001009186
Protein Refseq	NP_001009186
MIM	104613

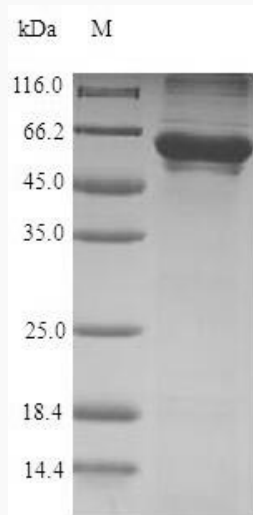
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UniProt ID

P40227



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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