

Recombinant Human CCT6A Protein, GST-Tagged

Cat. No. CCT6A-0715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCT6A full-length ORF (BAG36555.1, 1 a.a. - 531 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, several pseudogenes of this gene have been located. [provided by RefSeq, Jun 2010]
Molecular Mass	84.81 kDa
AA Sequence	MAAVKTLNPKAEVARAQAALAVNISAARGLQDVLRTNLGPKGTMKMLVSGAGDIKLT KDGNVLLHEMQIQHPTASLIAKVATAQDDITGDGTTSNVLIIGELLKQADLYISEGLHP RIITEGFEEAKEKALQFLEEVKVSREMDRETLDVARTSLRTKVHAELADVLTEAVVD SILAIKKQDEPIDLFMIEIMEMKHKSETDTSLIRGLVLDHGARHPDMKKRVEDAYILTC NVSLEYEKTEVNSGFFYKSAEEREKLVAERKFIEDRVKKIIELEKRVCGDSKGFVV INQKGIDPFSLDALSKEGIVALRRARRNMERLTACGGVALNSFDDLSPDCLGHAG

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LVYEYTLGEEKFTFIEKCNNPRSVTLLIKGPKNKHTLTQIKGAVRDGLRAVKNAIDGDC
VVPGAGAVEVAMAEALIKHKPSVKGRAQLGVQAFADALLIIPKVLAQNSGFDLQETLV
KIQAEHSESGQLVGVDLNTGPEMVAAEVGVWDNYCVKKQLLHSCVTIATNILLVDEI
MRAGMSSLKG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CCT6A chaperonin containing TCP1, subunit 6A (zeta 1) [Homo sapiens]

Official Symbol CCT6A

Synonyms

CCT6A; chaperonin containing TCP1, subunit 6A (zeta 1); CCT6; T-complex protein 1 subunit zeta; Cctz; HTR3; TCP20; TCPZ; TTCP20; histidine transport regulator 3; T-complex protein 1, zeta subunit; amino acid transport defect-complementing; chaperonin containing T-complex subunit 6; acute morphine dependence related protein 2; acute morphine dependence-related protein 2; MoDP-2; CCT-zeta; CCT-zeta-1; TCP-1-zeta; MGC126214; MGC126215;

Gene ID 908

mRNA Refseq NM_001009186

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Protein Refseq	NP_001009186
MIM	104613
UniProt ID	P40227

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