

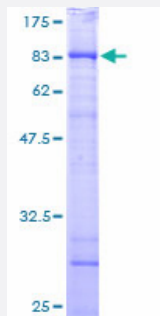
Full-Length

CCT6B (Human) Recombinant Protein (P01)

Catalog # H00010693-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCT6B full-length ORF (AAH27591, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAIKAVNSKAEVARAQAALAVNICAARGLDVLRITNLGPKGTMKMLASGAGDIKLTGDGNVLLD
EMQIQHPTASLIAKVATAQDDVTGDTTSNVLIGELLKQADLYISEGLHPRIAEGFEAAKIKALEVLE
EVKVTKEMKRKILLDVARTSLQTKVHAELADVLTEVVVDSVLAVRRPGYPIDLFMVEIMEMKHKLG
TDTKLIQGLVLDHGARHPDMKKRVEDAFILICNVSLYEYKTEVNSGFFYKTAAEEKEKLVKAERKFIE
DRVQKIIDLKDKVCAQSNKGFVVINQKGDPSLDSLAKHGIVALRRAKRRNMERLSLACGGMAYN
SFEDLTVDCLGHAGLVYEYTLGEEKFTFIEECVNPCSVTLLVKGPKNKHTLTQVKDAIRDGLRAIKNA
IEDGCMVPGAGAIEVAMAEALVTYKNSIKGRARLGVQAFADALLIPKVLAQNAQYDPQETLVKVQ
AEHVESKQLVGVDLNTGPEMVAADAGVWDNYCVKKQLLHSCVTIATNILLVDEIMRAGMSSLK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

84.04

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CCT6B

Entrez GeneID[10693](#)**GeneBank Accession#**[BC027591](#)**Protein Accession#**[AAH27591](#)**Gene Name**

CCT6B

Gene Alias

CCT-zeta-2, CCTZ-2, Cctz2, TCP-1-zeta-2, TSA303

Gene Description

chaperonin containing TCP1, subunit 6B (zeta 2)

Omim ID[610730](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]

Other Designations

CCT-zeta-like|T-complex protein 1, zeta-2 subunit|TCP-1-zeta-like|chaperonin containing TCP1, subunit 6B|testis-specific Tcp20|testis-specific protein TSA303