

**RPL292Hu01 100µg**

**Recombinant Chaperonin Containing TCP1, Subunit 2 (CCT2)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## **[ PROPERTIES ]**

**Residues:** Met1~Cys488

**Tags:** Two N-terminal Tags, His-tag and T7-tag

**Accession:** P78371

**Host:** *E. coli*

**Subcellular Location:** Cytoplasm.

**Purity:** >95%

**Endotoxin Level:** <1.0EU per 1µg

(determined by the LAL method).

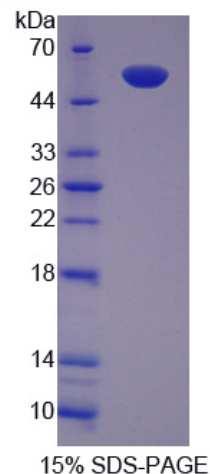
**Formulation:** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Predicted isoelectric point:** 6.0

**Predicted Molecular Mass:** 56.4kDa

**Applications:** SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



## **[ USAGE ]**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## **[ STORAGE AND STABILITY ]**

**Storage: Avoid repeated freeze/thaw cycles.**

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## **[ SEQUENCES ]**

The sequence of the target protein is listed below.

MDKILLSSGR DASLMVTNDG ATILKNIGVD NPAAKVLVDM SRVQDDEVDG GTTSVTVLAA  
ELLREAESLI AKKIHPQTII AGWREATKAA REALLSSAVD HGSDEVKFRQ DLMNIAGTTL  
SSKLLTHHKD HFTKLAVEAV LRLKGSGNLE AIHIIKKLGG SLADSYLDEG FLLDKKIGVN  
QPKRIENAKI LIANTGMDTD KIKIFGSRVR VDSTAKVAEI EHAEKEKMKE KVERILKHGI  
NCFINRQLIY NYPEQLFGAA GVMAIEHADP AGVERLALVT GGEIASTFDH PELVKLGSK  
LIEEVMIGED KLIHFSGVAL GEACTIVLRG ATQQILDEAE RSLHDALCVL AQTVKDSRTV  
YGGGCSEMLM AHAVTQLANR TPGKEAVAME SYAKALRMLP TIIADNAGYD SADLVAQLRA  
AHSEGNNTAG LDMREGTIGD MAILGITESF QVKRQVLLSA AEAAEVILRV DNIKAAPRK  
RVPDHHPC