

Recombinant Chaperonin Containing TCP1, Subunit 2 (CCT2) Instruction Manual

SIPL727Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	56.4kDa
Accurate Molecular Mass	56kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Cys488 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MDKILLSSGR DASLMVTNDG ATILKNIGVD NPAAKVLVDM SRVQDDEVGD
GTTSVTVLAA ELLREAESLI AKKIHPQTII AGWREATKAA REALLSSAVD
HGSDEVKFRQ DLMNIAGTTL SSKLLTHHKD HFTKLAVEAV LRLKGSGLNLE
AIHI IKKLG SLADSYLDEG FLLDKKIGVN QPKRIENAKI LIANTGMDTD
KIKIFGSRVR VDSTAKVAEI EHAKEKMKKE KVERILKHGI NCFINRQLIY
NYPEQLFGAA GVMAIEHADP AGVERLALVT GGEIASTFDH PELVKLGSCK
LIEEVMIGED KLIHFSGVAL GEACTIVLRG ATQQILDEAE RSLHDALCVL
AQTVKDSRTV YGGGCSEMLM AHAVTQLANR TPGKEAVAME SYAKALRMLP
TIIADNAGYD SADLVAQLRA AHSEGNTTAG LDMREGTIGD MAILGITESF
QVKRQVLLSA AEAEEVILRV DNIKAAPRK RVPDHHPC

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

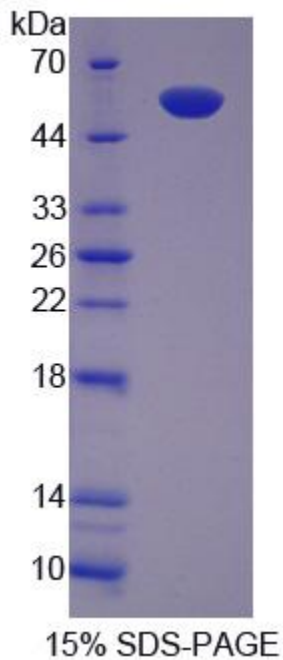


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.