

Datasheet for ABIN7586301

## TCP1 alpha/CCTA Protein (AA 1-556) (His tag)



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	TCP1 alpha/CCTA (TCP1)
Protein Characteristics:	AA 1-556
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCP1 alpha/CCTA protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MEGPLSVFGD RSTGEAIRSQ NVMAAASIAN IVKSSLGPVG LDKMLVDDIG DVTITNDGAT</p> <p>ILKLLEVEHP AAKVLCELAD LQDKEVGDT TSVVIAAEL LKNADELVKQ KIHPTSVISG</p> <p>YRLACKEAVR YINENLIINT DELGRDCLIN AAKTSMSSKI IGINGDFFAN MVVDAVLAVK</p> <p>YTDIRGQPRY PVNSVNILKA HGRSQIESML INGYALNCVV GSQGMLKRIV NAKIACLDIFS</p> <p>LQKTKMKLGV QVVITDPEKL DQIRQRES DI TKERIQKILA TGANVILTTG GIDDMCLKYF</p> <p>VEAGAMAVRR VLKRDCLKRIA KASGASILST LANLEGEETF EATMLGQAE VVQERICDDE</p> <p>LILIKNTKAR TSASIILRGA NDFMCDEMER SLHDALCVVK RVLESKSVVP GGGAVEAALS</p> <p>IYLENYATSM GSREQLAIAE FARSLVIPN TLAVNAAQDS TDLVAKLRAF HNEAQVNPER</p> <p>KNLKWIGLDL VH GKPRDNKQ AGVF EPTIVK VKSLKFATEA AITILRIDDL IKLHPESKDD</p> <p>KHGGYENAVH SGALDD</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: TCP1 alpha/CCTA (TCP1)

Alternative Name: T-complex protein 1 subunit alpha (Tcp1) ([TCP1 Products](#))

Background: Recommended name: T-complex protein 1 subunit alpha.

Short name= TCP-1-alpha.

Alternative name(s): CCT-alpha

UniProt: [P28480](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.