

Datasheet for ABIN7544363  
**TCP11 Protein (AA 1-503) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TCP11
Protein Characteristics:	AA 1-503
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCP11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat TCP11 Protein expressed in mammalian cells.
Sequence:	MPDVKESVPP KYPGDSEGRS CKPETSGPPQ EDKSGSEDPP PFLSVTGLTE TVNEVSKLSN KIGMNCDYIM EEKVLPPSSL EGKVKETVHN AFWDHLKEQL SATPPDFSCA LELLKEIKEI LLSLLLPRQN RLRIEIEAL DMDLLKQAE HGALKVLYLS KYVLNMMALL CAPVRDEAVQ KLENITDPVW LLRGIFQVLG RMKMDMVNYT IQSLQPHLQE HSIQYERAKF QELLNKQPSL LNHTTKWLTQ AAGDLTMSP TCPDTS DSSS VAGPSPNEAA NNPEPLSPTM VLCQGFLNLL LWDLNEEFPE TLLMDRTRL QELKSQLHQL TVMASVLLVA SSFSGSVLFG SPQFVDKLLR ITKSLLEDFH SRPEEAILTV SEQVSQEIHQ SLKNMGLVAL SSDNTASLMG QLQNIACKEN CVCSVIDQRI HLFLKCCCLVL GVQRSLLDLP GGLTLIEAEL AELGQKFVNLT HHNQVFGP YYTEILKTLI SPAQALETKV ESV <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>

## Product Details

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### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

TCP11

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### Alternative Name:

TCP11 ([TCP11 Products](#))

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### Background:

T-complex protein 11 homolog,FUNCTION: Plays a role in the process of sperm capacitation and acrosome reactions. Probable receptor for the putative fertilization-promoting peptide (FPP) at the sperm membrane that may modulate the activity of the adenylyl cyclase cAMP pathway. {ECO:0000250|UniProtKB:Q01755}.

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### Molecular Weight:

56.1 kDa

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### UniProt:

[Q8WWU5](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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### Restrictions:

For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months