

## Product datasheet for **TP321388M**

### **TCP11 (NM\_001093728) Human Recombinant Protein**

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human t-complex 11 homolog (mouse) (TCP11), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC221388 representing NM_001093728 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

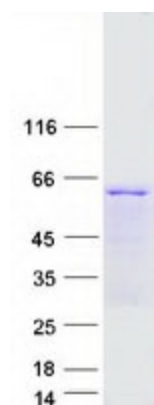
MTRGGGGGDTISKMPDVKESVPPKYPGDSEGRSCKPETSGPPQEDKSGSEDPPPFLSVTGLTETVNEVSK  
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SSSVAGPSPNEAANNPEPLSPTMVLQCGFLNLLWDLNEEFPELMDRTRLQELKSQHLQLTVMASVL  
LVASSFSGSVLFGSPQFVDKLKRTKSLLDFHSRPEEAILTVSEQVSQEIHQSLKNMGLVALSSDNTAS  
LMGQLQNIKKENCVCVIDQRIHLFLKCCLVLGVQSRLLDLPGGTLIEAELAEKGQKFNLTHTNQV  
FGPYYTEILKTLISPAQALETKVESV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	57.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001087197</a>
<b>Locus ID:</b>	6954
<b>UniProt ID:</b>	<a href="#">Q8WWU5</a>
<b>RefSeq Size:</b>	1929
<b>Cytogenetics:</b>	6p21.31
<b>RefSeq ORF:</b>	1548
<b>Synonyms:</b>	D6S230E; FPPR
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]

**Product images:**

Coomassie blue staining of purified TCP11 protein (Cat# [TP321388]). The protein was produced from HEK293T cells transfected with TCP11 cDNA clone (Cat# [RC221388]) using MegaTran 2.0 (Cat# [TT210002]).