

Product datasheet for TP321388

TCP11 (NM_001093728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human t-complex 11 homolog (mouse) (TCP11), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221388 representing NM_001093728 Red =Cloning site Green =Tags(s)

MTRGGGGGDTISKMPDVKESVPPKYPGDSEGRSCKPETSGPPQEDKSGSEDPPPFLSVTGLTETVNEVSK
LSNKIGMNCDYMEKVLPPSSLEGKVKETVHNAFWDLKEQLSATPPDFSCALELLKEIKEILLSLLLP
RQNRLEIEEALDMDLLKQEAHGAELKVLVLSKYVLNMMALLCAPVRDEAVQKLENITDPVWLLRGIFQ
VLGRMKMDMVNYTIQSLQPHLQEHSIQYERAKFQELLNKQPSLLNHTTKWLTQAAGDLTMSPTCPDTS
SSSVAGPSPNEAANNPEPLSPTMVLCCQGFNLLWDLNEEFPELMDRTRLQELKSQHLQLTVMASVL
LVASSFSGSVLFGSPQFVDKLRITKSLLDFHSRPEEAILTVSEQVSQEIHQSLKNMGLVALSSDNTAS
LMGQLQNIACKENCVCVIDQRIHLFLKCCLVLGVQSRLLDLPGGTLIEAELAEKGQKFNLTHTNQV
FGPYYTEILKTLISPAQALETKVESV

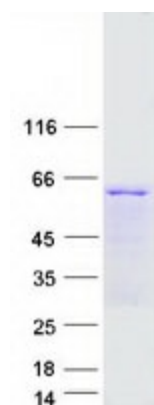
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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



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