

## Product datasheet for TP311962

### TSGA14 (CEP41) (NM\_018718) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human testis specific, 14 (TSGA14), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211962 representing NM_018718 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MSLRRHIGNPEYLMKRIPQNPYQHIKSRLDTGNSMTKYTEKLEEIKKNYRYKKDELFRKLVTTFAQLI IQVASLSDQTLEVTAEEIQRLEDNDSAASDPDAETTARTNGKGNPGEQSPSEQFINNAGAGDSSRSTLQ SVISGVGELDLKGPVKKAEPHTKDKPYPCPFLLLDVRDRDSYQQCHIVGAYSYPATLSRTMNPYSND ILEYKNAHGKIIILYDDDERLASQAATTMCERGFENLFMLSGGLKVLAQKFPEGLITGSLPASCQQALPP GSARKRSSPKGPPLPAENKWRFTPEDLKKIEYYLEEEQGPADHPSRLNQANSSGRESKVPGARSAQNLPG GGPASHSNPRSLSSGHLQGKPWK  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	41.2 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:	<u><a href="#">NP_061188</a></u>
Locus ID:	95681


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UniProt ID: [Q9BYV8](#)

RefSeq Size: 3526

Cytogenetics: 7q32.2

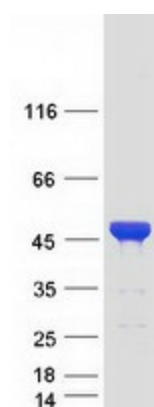
RefSeq ORF: 1119

Synonyms: JBTS15; TSGA14

**Summary:** This gene encodes a centrosomal and microtubule-binding protein which is predicted to have two coiled-coil domains and a rhodanese domain. In human retinal pigment epithelial cells the protein localized to centrioles and cilia. Mutations in this gene have been associated with Joubert Syndrome 15; an autosomal recessive ciliopathy and neurological disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified CEP41 protein (Cat# TP311962). The protein was produced from HEK293T cells transfected with CEP41 cDNA clone (Cat# [RC211962]) using MegaTran 2.0 (Cat# [TT210002]).