

Product datasheet for **TP306214**

TCTE1 (NM_182539) Human Recombinant Protein

Product data:

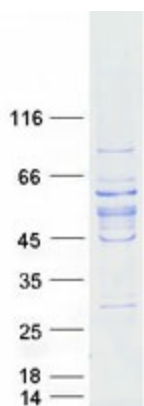
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human t-complex-associated-testis-expressed 1 (TCTE1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206214 protein sequence Red =Cloning site Green =Tags(s)
	MQDVTTSALLDPSHSSVSTQDNSSTGGHTSSTSLQLSKPSITPVPKSRNPRPRANIRRMRRRIAEDPE WSLAIVPLLTLCIQHIIRNFQKNPILKQMLPEHQKQVLNHLSPDLPLAVTANLIDSENYWLRCCMHRWP VCHVAHHGGSWKRMFFERHLENLLKHFIPTTDPVILDLLPLCRNYVRRVHVDQFLPPVQLPAQLRPGD QSDSGSEGEMEEPTVDHYQLGDLVAGLSHLEELDLVYDVKDCGMNFEWNLFLFTYRDCLSLAAAIKACHT LKIFKLTRSKVDDDKARIIRSLDHPVLEELDLSQNLIGDRGARGAAKLLSHSRLRVNLANNQVRAPG AQSLAHLAHTNLISLNLRLNCIEDEGGQALAHALQTNKCLTTLHLGGNELSEPTATLLSQVLAINTTL TSINLSCNHIGLDGGKQLLEGMSDNKTLLEFDLRLSDVAQESEYLIGQALYANREARQALNPESHFMST ITANGPENSVG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	55.5 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.



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RefSeq:	<u>NP_872345</u>
Locus ID:	202500
UniProt ID:	<u>Q5JU00</u>
RefSeq Size:	1686
Cytogenetics:	6p21.1
RefSeq ORF:	1503
Synonyms:	D6S46; DRC5; FAP155
Summary:	Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. May play a role in the assembly of N-DRC. May be required for sperm motility.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TCTE1 protein (Cat# TP306214). The protein was produced from HEK293T cells transfected with TCTE1 cDNA clone (Cat# [RC206214]) using MegaTran 2.0 (Cat# [TT210002]).