

Product datasheet for **TP306214L**

TCTE1 (NM_182539) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human t-complex-associated-testis-expressed 1 (TCTE1), 1 mg

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.

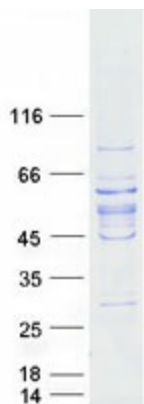
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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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]).