

## Product datasheet for PH306214

### TCTE1 (NM\_182539) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TCTE1 MS Standard C13 and N15-labeled recombinant protein (NP_872345)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206214
Predicted MW:	55.7 kDa
Protein Sequence:	>RC206214 protein sequence Red=Cloning site Green=Tags(s)

MQDVTVTSALLDPSHSSVSTQDNSSTGGHTSSTSLQLSKPSITPVPAKSRNPRPRANIRRMRIIAEDPE  
WSLAIVPLLTELCIQHIIRNFQKNPILKQMLPEHQKVLNHLSPDLPLAVTANLIDSENYWLRCCMHRWP  
VCHVAHHGGSWKRMFFERHLENLLKHFIPGTTDPAVILDLLPLCRNYVRRVHVDQFLPPVQLPAQLRPGD  
QSDSGSEGEMEEPTVDHYQLGDLVAGLSHLEELDLVYDVKDCGMNFEWNLFLFTYRDCLSLAAAIAKACHT  
LKIFKLTRSKVDDDKARIIRSLLDHPVLEELDSLQNLIGDRGARGAAKLLSHSRLRVNLANNQVRAPG  
AQSLAHALAHNTNLISLNLRLNCIEDEGGQALAHALQTNKCLTTLHLGGNELSEPTATLLSQVLAINTTL  
TSINLSCNHIGLDGGKQLLEGMSDNKTLLEFDLRLSDVAQESEYLIQALYANREARQRALNPSHFMS  
ITANGPENSVG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_872345</a>
RefSeq Size:	1686
RefSeq ORF:	1503



[View online »](#)

Synonyms: D6S46; DRC5; FAP155

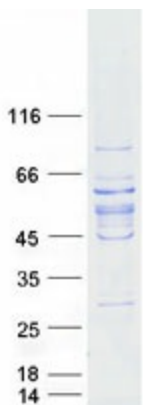
Locus ID: 202500

UniProt ID: [Q5JU00](#)

Cytogenetics: 6p21.1

**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]).