

Recombinant Human TCTE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCTE1-2572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCTE1 MS Standard C13 and N15-labeled recombinant protein (NP_872345) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	55.7 kDa
AA Sequence	MQDTVTTTSALLDPSSHSSVSTQDNSSTGGHTSSTSLQLSKPSITPVPAKSRNPRPRA NIRRMRRIIAEDPEWSLAIVPLLTELICIQHII RN FQKNPILKQMLPEHQKVLNHLSPDL PLAVTANLIDSENYWLRCCMHRWPVCHVAHHGGSWKRMFFERHLENLLKHFI PGTT DPAVILDLLPLCRNYVRRVHVDQFLPPVQLPAQLRPGDQSDSGSEGEMEEPTVDHY QLGDLVAGLSHLEELDLVYDVKDCGMNFEWNLF LFTYRDCLSLAAAIKACHTLKIFKL TRSKVDDDKARIIRSLLDHPVLEELDLSQNLIGDRGARGAAKLLSHSRLRVNLANN QVRAPGAQSLAHALAHNTNLISLNLRLNCIEDEGGQALAHALQTNKCLTTLHLGGNE LSEPTATLLSQVLAINTTLT SINLSCNHIGLDGGKQLLEGMSDNKTLLEFDLRLSDVAQ ESEYLIGQALYANREAA RQ RALNP SHFMSTITANGPENSVGTRTRPLEQKLISEEDLA

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

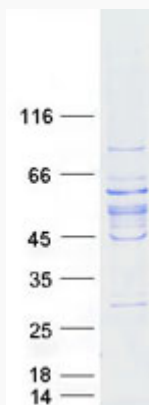
GENE INFORMATION

Gene Name	TCTE1 t-complex-associated-testis-expressed 1 [Homo sapiens (human)]
Official Symbol	TCTE1
Synonyms	TCTE1; t-complex-associated-testis-expressed 1; T-complex-associated testis-expressed protein 1; D6S46; MGC33600; tcte-1; FLJ50041;
Gene ID	202500
mRNA Refseq	NM_182539
Protein Refseq	NP_872345
MIM	186975
UniProt ID	Q5JU00

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SDS-PAGE

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