

Product datasheet for **SC123377**

TCTE1 (NM_182539) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCTE1 (NM_182539) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCTE1
Synonyms:	D6S46; DRC5; FAP155
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_182539 edited

AGCGGGTGGGGCGAGCGCCGGGCTCCCGGAGCGGATCCCTACCTGTTTCAAGGACCTGC
CAGTCTGAGAAGCTTCTTGTCTATAAGGCCATCCAGGGGCCACGCACCCTACCTTGCCAG
CCTCCAGCATGCAGGATACCGTAACGACATCAGCATTGTTGGACCCAGCCACTCCTCAG
TCTCCACCCAGGACAATTCTCCACTGGAGGACACACTTCAAGCACAAGCCTACAGCTCT
CAAAGCCTTCAATCACACCAAGTCCCTGCAAAGTCCAGGAACCCACGTCCCAGGGCCAATA
TCCGTGGATGCGCCGGATCATTGCTGAGGATCCTGAGTGGTCACTGGCCATCGTGCCCC
TCCTCACAGAGCTCTGCATTACGACATTATCAGGAACCTCCAGAAAAACCTATCCTGA
AGCAGATGCTCCCGGAACACCAGCAGAAGGTCTGAACCACCTGTCCCCTGACCTACCAC
TGGCTGTGACCGCCAACCTGATAGACAGTGAGAACTACTGGCTCCGCTGCTGCATGCATC
GCTGGCCCGTGTGCCACGTGGCCCACTTATGCCGCGAGCTGGAAACGCATGTTCTTCGAGC
GGCACCTGGAGAACCTGTAAAGCACTTTATCCAGGCCACCAAGACCTCGCGTGATCC
TCGACCTGCTGCCGCTCTGCCGAATTACGTGCGCAGGGTCCACGTCGATCAGTTCCTTC
CGCCGGTGACGCTCCCGGCCAGCTCCGGCCGGCGACCACTCCGACTCAGGCAGCGAGG
GAGAGATGGAGGAGCCACCGTTGACCACTACCAACTGGGCGATCTGGTAGCTGGCCTGA
GCCACCTGGAGGAGCTGGACCTGGTGACGATGTCAAGGACTGCGGCATGAATTCGAGT
GGAATCTCTTCTTTCACCTACCGCGACTGCCTCTCCTTGGCAGCCGCCATCAAGGCAT
GCCACACCCTCAAGATCTTCAAGCTGACCCGAAGCAAGGTGGATGATGACAAGGCACGCA
TCATAATTGGAAGCCTTCTGGACCACCCAGTCTCGAGGAGCTGGACTTGTCAAAAACC
TCATTGGAGACCGTGGTGACGAGCGCTGCCAAGCTGCTGAGCCACAGCCGCTCGGTG
TGCTCAACCTGGCTAACAACCAAGGTGCGTGACCCGGTGCCAGTCCCTGGCTCACGCTC
TGGCACACAACCAACCTCATTTCCCTCAACCTACGTCTCAACTGCATCGAGGATGAGG
GTGGCCAGGCTCTTGCCCATGCCTTGACACCAACAAGTGCCTCACCACGCTGCACCTCG
GTGGCAATGAGCTGTCTGAGCCCACCGCCACACTCCTGTACAGGTGCTCGCCATCAACA
CCACATCACCAGCATCAACCTGTCTGCAACCACATCGGGCTGGACGGTGGGAAGCAGC
TCTGGAAGGCATGTGAGCAACAAGACCTCCTGGAATTTGACTTGCCTGTGCAGATG
TGGCCCAAGGAGCGATACCTCATTGGCCAGGCCCTCTACGCAAAACGAGAAGCAGCCC
GCCAGCGGCCCTGAATCCAGCCACTTCATGTCAACCATCACTGCCAATGGCCCTGAGA
ACTCTGTGGGATAAAATGACCTGACTTGGAAAAA

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_182539 unedited
CGGAACGCCTAACTTCGTATAGCATACATTATACGAAGTTATGGATCATGCCAAATCGGC
CGAGCTCGAATTCGTGAGAGCGGGTGGGCGAGCGCGGGGCTCCCGAGCGGATCCCT
ACCTGTTTCAAGGACCTGCCAGTCTGAGAAGCTTCTTGTCATAAGGCCATCCAGGGGCCA
TGCTTTCCTACCTTGCCAGCCTCCAGCATGCAGGATACCGTAACGACATCAGCATTGTTG
GACCCAGCCACTCCTCAGTCTCCACCCAGGACAATTCTCTCACTGGAGGACACACTTCA
AGCAACAAGCTACAGCTCTCAAAGCCTTCAATCACACCAGTCCCTGCAAAGTCCAGGAAC
CCACGTCCCATGGCCAATATCCGTCGGATGCGCCGGATCATTGCTGAGGATCCTGAGTGG
TCACTGGCCATCGTGCCCCCTCTCACAGAGCTCTGCATTAGCACATTATCAGGAACCTT
CAGAAAAACCTATCCTGAAGCAGATGCTCCCGGAACACCAGCAGAAGGTCCTGAACCAC
CTGTCCCCTGACCTACCACTGGCTGTGACCGCCAACCTGATAGACAGTGAGAACTACTGG
CTCCGCTGCTGCATGCATCGCTGGCCCGTGTGCCACGTGGCCACCATTTAGCGGCAGCTGG
AAACGCATGTTCTTCGAGCGGCACCTGGAGAACCTGCTAAAGCACTTTATCCCATGCACC
ACAGACCTTGCGGTGATCCTCGACCTGCTGCCGCTCTGCCGNAATACGTGCGCAGGGTC
ACGTCGATCAGTTCCTTCCGCCGCTGCAGCTCCNGGCCAGTCTCCGCCGGCGACCAGT
CCGACTCATGCATCGAGGGATAGATGGAGAGCCACCTTG
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Restriction Sites: Please inquire

ACCN: NM 182539

Insert Size: 1665 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_182539.1</u> , <u>NP_872345.1</u>
RefSeq Size:	1665 bp
RefSeq ORF:	1506 bp
Locus ID:	202500
UniProt ID:	<u>Q5JU00</u>
Cytogenetics:	6p21.1
Gene 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]