

Product datasheet for RC206214L3

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

TCTE1 (NM_182539) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: TCTE1 (NM_182539) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: TCTE1

Synonyms: D6S46; DRC5; FAP155

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Sgfl-Mlul

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC206214).

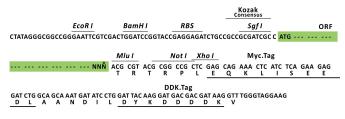
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf 1 ORF Mlu I

--- GCG ATC GCC ATG --- // --- NNN ACG CGT ---



st The last codon before the Stop codon of the ORF.

ACCN: NM_182539

ORF Size: 1503 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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>

 RefSeq Size:
 1686 bp

 RefSeq ORF:
 1506 bp

 Locus ID:
 202500

 UniProt ID:
 Q5|U00

 Cytogenetics:
 6p21.1

MW: 55.7 kDa

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]