

Product datasheet for **RG200181**

TENT5A (NM_017633) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENT5A (NM_017633) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TENT5A
Synonyms:	C6orf37; FAM46A; OI18; XTP11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200181 representing NM_017633 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGAGGGTGAAGGGTACTTCGCCATGTCTGAGGACGAGCTGGCCTGCAGCCCCTACATCCCCCTAG
 GCGGCGACTTCGGCGGCGGCGACTTCGGCGGCGGCGACTTCGGCGGCGGCGACTTCGGCGGTGGCGGCGAG
 CTTGCGTGGGCATTGCTTGGAATATTGCGAAAGCCCTACGGCGCACTGCAATGTGCTGAAGTGGGAGCAA
 GTGCAGCGGCTGGACGGCATCCTGAGCGAGACCATTCCGATTACGGGCGCGGCAACTTCCCCACGCTCG
 AGCTGCAGCCGAGCCTGATCGTGAAGTGGTGGCGGCGGCGCTGGCCGAGAAGCGCATTGGCGTCCGCGA
 CGTGCGCCTCAACGGCTCGGCAGCCAGCCATGTCCTGCACAGGACAGCGCCTGGGCTACAAGGACCTG
 GACCTCATCTTCTGCGCCGACCTGCGCGGGGAAGGGGAGTTTCAGACTGTGAAGGACGTCGTGCTGGACT
 GCCTGTTGGACTTCTTACCCGAGGGGGTGAACAAAGAGAAGATCACACCACTCACGCTCAAGGAAGCTTA
 TGTGCAGAAAAATGGTTAAAGTGTGCAATGACTCTGACCGATGGAGTCTTATATCCCTGTCAAACAACAGT
 GGCAAAAATGTGGAAGTGAATTTGTGGATTCCCTCCGGAGGCAGTTTGAATTCAGTGTAGATTCTTTTC
 AAATCAAATTAGACTCTTCTGCTCTTTATGAATGTTGAGAGAACCAATGACTGAGACATTTACCC
 CACAATAATCGGGAGAGCGTCTATGGCGATTTCCAGGAAGCCTTTGATCACCTTTGTAAACAAGATCATT
 GCCACCAGGAACCCAGAGGAAATCCGAGGGGAGGCGCTTAACTGCAACCTTTGGTGAGGGGCT
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 AGACATTGGAGAGCAGCAGAGAAAACTGGAGTCTATTTGCAGAACCACTTTGTGGGATTGGAAGACCGC
 AAGTATGAGTATCTCATGACCTTCATGGAGTGGTAAATGAGAGCACAGTGTGCCTGATGGGACATGAAA
 GAAGACAGACTTTAAACCTTATCACCATGCTGGCTATCCGGGTGTAGCTGACCAAAATGTCATTCTTAA
 TGTGGCTAATGTCACTTGCTATTACCAGCCAGCCCCCTATGTAGCAGATGCCAACTTTAGCAATTACTAC
 ATTGCACAGGTTAGCCAGTATTCAGTGCCAGCAACAGACCTACTCCACTTGGCTACCCTGCAAT

ACGCGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200181 representing NM_017633
 Red=Cloning site Green=Tags(s)

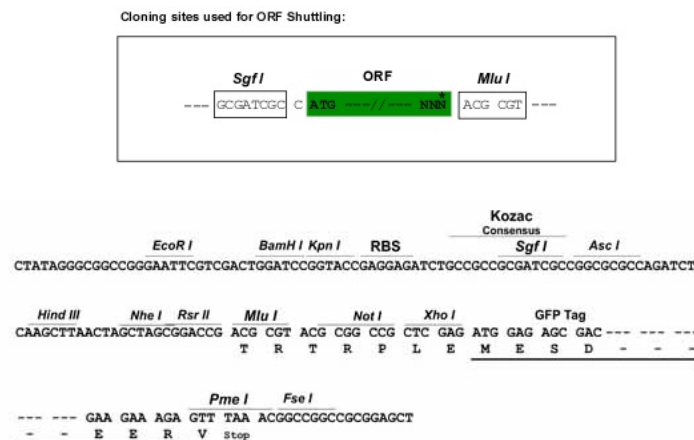
MAEGEGYFAMSEDELACSPYIPLGGDFGGGDFGGGDFGGGDFGGGGSFGGHCLDYCESPTAHCNVLNWEQ
 VQRLDGILSETIPIHGRGNFPTLELQPSLIVKVRRRLAEKRIGVRDVRNLNGSAASHVLHQDSSLGYKDL
 DLIFCADLRGEGEFQTVKDVLDCLDLFLPEGVNKEKITPLTLKEAYVQKMKVCNDSRWSLISLSNNS
 GKNVELKFVDSLRRQFEFSVDSFQIKLDSLLLFYECSENPMTETFHPTIIGESVYGDFQEAFDHLCNKII
 ATRNPEEIRGGGLLKYNLLVRGFRPASDEIKTLQRYMCSRFFIDFSDIGEQQRKLESYLQNHVFGLEDR
 KYEYMLTLHGTVNESTVCLMGHERRQTLNLITMLAIRVLADQNVIPNVANVTCTYQAPYVADANFSNY
 IAQVQPVFTCCQQTYSTWLPNC

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_017633

ORF Size: 1326 bp

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_017633.3](#)

RefSeq Size: 5617 bp

RefSeq ORF: 1329 bp

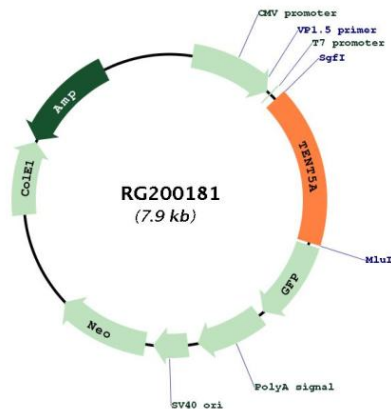
Locus ID: 55603

UniProt ID: [Q96IP4](#)

Cytogenetics: 6q14.1

Gene Summary: Probable nucleotidyltransferase that may act as a non-canonical poly(A) RNA polymerase. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG200181