

Product datasheet for **RG229980**

TENT5D (NM_001170574) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TENT5D (NM_001170574) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TENT5D
Synonyms:	CT1.26; CT112; FAM46D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG229980 representing NM_001170574 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGAAATCAGATTCACCAATCTCACTTGGGATCAAGTTATAACACTGGATCAAGTGTAGATGAAG
TAATTCGAATTCATGGAAAGGGGAATTTCCCCACAATGGAGGTAAAACAAAAGACATCATTATGTTGT
GAAAGATCAACTCATAGGGCAAGGAATTATTGTTAAAGATGCCAGATTGAATGGTCCGTAGCAAGTTAC
ATACTTGAAGCCACAATGGAATCAGCTATAAGGATCTGGACGTTATTTTTGGTGTGAGCTTCCAGGTA
ACGAAGAATTTAGGTTGTTAAAGATGCAGTTCTAGACTGTCTACTTGACTTTTTACAAAAGATGTAAA
GAAGGAAAAGCTCTCCCAAGATATCATGAAAGACGCTTACGTACAGAAATGGTCAAGGTTTGCAATGGG
CATGATTGTTGGAGTCTTATCTCCCTTTCAAATAACACTGGGAAGAATTTAGAATAAAAATTTGTGAGTT
CACTCAGACGGCAGTTTGAATTTAGTGTAGATTCCTTTCAAATGTTTTGGATCCCATGTTAGACTTCTA
CAGTGACAAAAATGCCAAGCTAACCAAGAATCCTATCCTGTTGTGGTAGCTGAAAGCATGTATGGAGAC
TTCCAGGAAGCAATGACACATTTGCAACACAAGCTCATATGTACCAGGAAACCTGAAGAGATTAGAGGTG
GTGGCCTTCTGAAGTACTGCAGCTTGTGGTTCATGGCTTCAAGCCAGCCTGTATGTCAGAAATCAAAAA
CCTAGAACGTTATATGTGCTCTAGATTTTATGATTTTCTCATATAGAAGAAGACAGCAAAAGAAAAT
GAATCATACCTCCACAACCATTTATAGTGAAGGAATGACCAAGTATGACTACCTTATGACCTTGCAATG
GAGTTGTGAATGAAAGCACTGTTTGCCTCATGAGTTATGAAAGAAGACAGATTCTCCACCTGATCACCAT
GATGGCTTTGAAAGTACTTGGAGAATAAATTTCTACCAATACACAAAAGGTAACCTGCTTTTATCAG
CCTGCTCCGTAATTTGCAGCTGAGGCAAGGTACCTATTTATGTAATACCTGAGCCACCCCGTTAGCT
TCCAGCCATACCACCACTGCACTTTCGTGGATCAAATGGTATGAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG229980 representing NM_001170574
 Red=Cloning site Green=Tags(s)

MSEIRFTNLTWDQVITLDQVLDEVIPIHGKGNFPTMEVKPKDIIHVVKDQLIGQGIIVKDARLNGSVASY
 ILASHNGISYKDLDIVFGVELPGNEEFQVVKDAVLDCLLDLFLPKDVKKEKLSPDIMKDAYVQKLVKVCNG
 HDCWSLISLSNNTGKNLELKFVSSLRRQFEFSVDSFQIVLDPMLDFYSDKNAKLTKESYPVVVAESMYGD
 FQEAMTHLQHKLICTRKPEEIRGGLLKYCSLLVHGFKPACMSEIKNLERYMCSRFFIDFPHIEEQKKI
 ESYLHNHFIGEGMTKYDYLMTLHGVVNESTVCLMSYERRQILHLITMMALKVLGELNILPNTQKVTFCFYQ
 PAPYFAAEARYPIYVIPLEPPPVSFQPYHPLHFRGSNGMS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001170574

ORF Size: 1167 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.

RefSeq: [NM_001170574.1](#), [NP_001164045.1](#)

RefSeq Size: 3106 bp

RefSeq ORF: 1170 bp

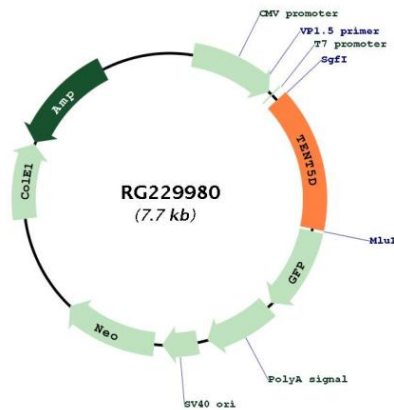
Locus ID: 169966

UniProt ID: [Q8NEK8](#)

Cytogenetics: Xq21.1

Gene Summary: Antibodies against the protein encoded by this gene were found only in plasma from cancer patients. While it may be a target for immunotherapy, the function of this gene is unknown. [provided by RefSeq, Dec 2009]

Product images:



Circular map for RG229980