

Product datasheet for **RG228003**

TCP11L1 (NM_001145541) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCP11L1 (NM_001145541) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TCP11L1
Synonyms:	dj85M6.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG228003 representing NM_001145541
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTCTGAAAACCTTGACAAGTCCAATGTAATGAAGCAGGAAAAACAATCCAATGATTCTGAGGAAG
 GCCTCGAAGATGCTGTGGAAGGTGCTGATGAAGCCTTACAAAAAGCAATAAGTCAGACTCCTCCAGCCC
 CCAAAGAGTGACAGAGACCTCACTCTAGTCCTCCTCGCTTTGTGACAGTAGAAGAATTCTAGAGACAGCG
 AGAGGCGTCACCAACATGGCTCTAGCCCATGAAATTGTAGTAAATGGAGACTTTTCAGATTAAACAGTTG
 AATTACCAGAAAAAGCTTGAAGAAGAGAGTAAAGGAGATTGTACATAAAGCGTTTTGGGATTGCTTGAG
 TGTGCAGCTAAGTGAAGATCCCCAGCATATGACCATGCTATCAAACCTGTAGGAGAAATCAAAGAGACT
 CTCTTATCTTTCTTGTGCTGCTGCTACTAGACTGAGAAACCAGATAACAGAAGCTTGGATCTGGATC
 TGATAAAGCAGGAAGCAGAGAATGGGGCGCTAGACATTTCCAGGCTGGCAGAATTCATTATTGGCATGAT
 GGGGACACTGTGTGCACCTGCTCGAGATGAGGAAGTTAAGAACTAAAGGACATTAAGGAAATAGTGCCC
 CTTTTAGAGAAATTTTTCTGTGTTGGACCTAATGAAAGTGGACATGGCCAACCTTGTCTATCAGTAGCA
 TCAGGCCCTCATCTCATGCAGCAGTCAGTTGAATACGAAAGGAAGAAGTTTCAAGAGATTTTGAGAGGGCA
 ACCAAATTCCTGGACTTTGTACCCAGTGGCTGGAAGAAGCCTCAGAGGACCTTATGACTCAGAAGTAT
 AAACACGCCCTGCCAGTGGGGGAATGGCTGCTGGCTCTGGGACATGCCAGGCTGAGCCCTGTTGCTG
 TCCAGAATTACGCTTACCTGAAGCTTCTGAAGTGGGACCACCTCCAGAGGCCGTTCCCGAAACAGTTTT
 AATGGACCACTCTCGCTTCCACGAGCTCCAGTTGCAGCTGGAACAACGACCATCCTGGGGGCTGTGTTG
 CTGGTCACCTTCAGCATGGCAGCGCCAGGAATTTCCAGCCAGGCCGACTTTGCTGAGAACTCAAGATGA
 TTGTGAAGATTTTGCTAACAGATATGCACCTGCCCTCCTCCATCTGAAGGACGCTCTCACTACCATCGG
 GGAGAAGGTGTGCTGGAGGTGAGCAGCTGCCTCCTCCTGTGTGGGTCTCTCCCTTACCACGGACAAG
 GAGACCGTGCTCAAGGGCCAGATCCAGGCCGTGGCCAGTCCCGATGACCCATTGCGAGGATCATGGAAT
 CTCGAATCCTGACCTTCTAGAAACCTACCTTGCTCGGGTCATCAGAAGCCATTGCCACAGTCCCTGG
 GGGACTCAGTCCAGTTCAGAGAGAGCTGGAGGAAGTTGCTATTAATTTGCTCGCTGGTCAACTATAAC
 AAGATGGTCTTGTCCCTACTACGATGCAATCCTGAGTAAGATCCTCGTCCGATCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG228003 representing NM_001145541
 Red=Cloning site Green=Tags(s)

MSENLDKSNVNEAGKSKSNDSEEGLEDAVEGADEALQKAIKSDSSSPQVRQPHSSPPRFVTVEELLETA
 RGVTNMALAHEIVVNGDFQIKPVLPENSLKKRVKEIVHKAFFWDCLSVQLSEDPAYDHAIKLVGEIKET
 LLSFLLPGHTRLRNQITEVLDLIDLIKQEAENGALDISRLAEFIIGMMGTLCAPARDEEVKKLDIKEIVP
 LFREIFSVLDLMKVDMANFAISSIRPHLMQQSVYERKKFQEILERQPNSLDFVTQWLEEASEDLMTQKY
 KHALPVGMAAGSGDMPRLSPVAVQNYAYLKLLKWDHLQRPFPETVLMQSRFHQLQLEQLTILGAVL
 LVTFMSAAPGISSQADFAEKLKMIKILLTDMHLPSFHLKDVLTITIGKVCLEVSSCLSLCGSSPFTTDK
 ETVLKGQIQAVASPDPIRRIMESRILFLETYLAGSHQKPLPTVPGGLSPVQRELEEVAIKFARLVNIN
 KMFVCPYYDAILSKILVRS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001145541

ORF Size: 1527 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_001145541.1](#), [NP_001139013.1](#)

RefSeq Size: 2633 bp

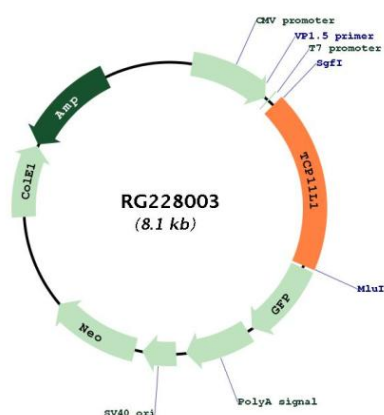
RefSeq ORF: 1530 bp

Locus ID: 55346

UniProt ID: [Q9NUJ3](#)

Cytogenetics: 11p13

Product images:



Circular map for RG228003