

Product datasheet for **RG208041**

TCP11L1 (NM_018393) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TCP11L1 (NM_018393) 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)



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ORF Nucleotide Sequence:

>RG208041 representing NM_018393
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCTCTGAAAACCTTGACAAGTCCAATGTAATGAAGCAGGAAAAACAAAATCCAATGATTCTGAGGAAG
 GCCTCGAAGATGCTGTGGAAGGTGCTGATGAAGCCTTACAAAAAGCAATAAGTCAGACTCCTCCAGCCC
 CCAAAGAGTGCAGAGACCTCACTCTAGTCCTCCTCGCTTTGTGACAGTAGAAGAATTCTAGAGACAGCG
 AGAGGCGTCACCAACATGGCTCTAGCCCATGAAATTGTAGTAAATGGAGACTTTTCAGATTAAACAGTTG
 AATTACCAGAAAAACAGCTTGAAGAAGAGAGTAAAGGAGATTGTACATAAAGCGTTTTGGGATTGCTTGAG
 TGTGCAGCTAAGTGAAGATCCCCAGCATATGACCATGCTATCAAACCTGTAGGAGAAATCAAAGAGACT
 CTCTTATCTTTCTTGCTGCCTGGTCATACTAGACTGAGAAACCAGATAACAGAAGCTTGGATCTGGATC
 TGATAAAGCAGGAAGCAGAGAATGGGGCGCTAGACATTTCCAGGCTGGCAGAATTCATTATTGGCATGAT
 GGGGACACTGTGTGCACCTGCTCGAGATGAGGAAGTTAAGAACTAAAGGACATTAAGGAAATAGTGCCC
 CTTTTAGAGAAATTTTTCTGTGTTGGACCTAATGAAAGTGGACATGGCCAACCTTGTCTATCAGTAGCA
 TCAGGCCCTCATCTCATGCAGCAGTCAGTTGAATACGAAAGGAAGAAGTTTCAAGAGATTTTGAGAGGGCA
 ACCAAATTCCTGGACTTTGTCACCCACTGGCTGGAAGAAGCCTCAGAGGACCTTATGACTCAGAAGTAT
 AAACACGCCCTGCCAGTGGGGGAATGGCTGCTGGCTCTGGGACATGCCCAGGCTGAGCCCTGTTGCTG
 TCCAGAATTACGCTTACCTGAAGCTTCTGAAGTGGGACCACTCCAGAGGCCGTTCCCGAAACAGTTTT
 AATGGACCACTCTCGCTTCCACGAGCTCCAGTTGCAGCTGGAACAACGACCATCCTGGGGGCTGTGTTG
 CTGGTCACCTTCAGCATGGCAGCGCCAGGAATTTCCAGCCAGGCCGACTTTGCTGAGAACTCAAGATGA
 TTGTGAAGATTTTGCTAACAGATATGCACCTGCCCTCTCCATCTGAAGGACGTCCTCACTACCATCGG
 GGAGAAGGTGTGCTGGAGGTGAGCAGCTGCCTCTCCCTGTGTGGGTCTCTCCCTTACCACGGACAAG
 GAGACCGTGCTCAAGGGCCAGATCCAGGCCGTGGCCAGTCCCGATGACCCCATTCGCAGGATCATGGAAT
 CTCGAATCCTGACCTTCTAGAAACCTACCTTGCTCGGGTCATCAGAAGCCATTGCCACAGTCCCTGG
 GGGACTCAGTCCAGTTCAGAGAGAGCTGGAGGAAGTTGCTATTAATTTGCTCGCTGGTCAACTATAAC
 AAGATGGTCTTGTCCCTACTACGATGCAATCCTGAGTAAGATCCTCGTCCGATCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

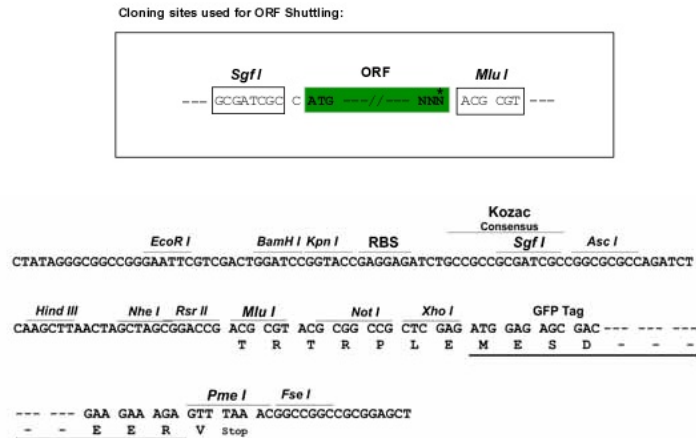
>RG208041 representing NM_018393
 Red=Cloning site Green=Tags(s)

MSENLDKSNVNEAGKSKSNDSEEGLEDAVEGADEALQKAIKSDSSSPQVRQPHSSPPRFVTVEELLETA
 RGVTNMALAHEIVVNGDFQIKPVLPENSLKKRVKEIVHKAFFWDCLSVQLSEDPAYDHAIKLVGEIKET
 LLSFLLPGHTRLRNQITEVLDDLKQEAENGALDISRLAEFIIGMMGTLCAPARDEEVKKLDIKEIVP
 LFREIFSVLDLMKVDMANFAISSIRPHLMQQSVYERKKFQEILERQPNSLDFVTQWLEEASEDLMTQKY
 KHALPVGMAAGSGDMPRLSPVAVQNYAYLKLKWDHLQRPFPETVLMQSRFHQLQLEQLTILGAVL
 LVTFMSAAPGISSQADFAEKLKMIKILLTDMHLPSFHLKDVLTITGEKVCLEVSSCLSLCGSSPFTTDK
 ETVLKGQIQAVASPDPIRRIMESRILTFLETYLASGHQKPLPTVPGGLSPVQRELEEVAIKFARLVNYN
 KMFVCPYYDAILSKILVRS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_018393

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_018393.2](#), [NP_060863.2](#)

RefSeq Size: 2479 bp

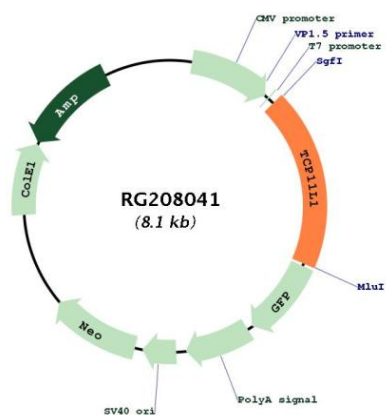
RefSeq ORF: 1530 bp

Locus ID: 55346

UniProt ID: [Q9NUJ3](#)

Cytogenetics: 11p13

Product images:



Circular map for RG208041