

## Product datasheet for **RG207129**

### TCP11L2 (NM\_152772) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TCP11L2 (NM_152772) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TCP11L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG207129 representing NM\_152772  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCTCAATGGCGAGAAGCAGTGTGTGGGAGAGACCAGCCAAGCGATTCTGATTCTCCCGGTTTT  
 CCGAAAGCATGGCTTCGCTCAGTACTATGAATGCTCCAGGCAGAGCTTTGCAAGTACTCTCCAGCAA  
 ATCCAGCTCTCCTGCTTCAACAAGCCCTCCAAGGGTTGTAACATTTGATGAAGTATGGCTACAGCAAGG  
 AACTTATCAAACCTGACTCTTGCTCATGAGATTGCTGTAATGAGAACTTTCAATTGAAACAAGAGGCTC  
 TCCAGAAAAGAGTTGGCTGGTCGAGTGAAGCACATTGTTACCAGGCCTTCTGGGACGCTTGGATTC  
 AGAACTAAATGCTGACCCTCCTGAGTTTGAACATGCCATCAAACGTTTGAAGAAATCAGAGAGATTCTT  
 CTCTCTTTCTCACTCCCGGTGGCAACCGCTTCGCAACCAAATCTGTGAAGTTTGGACACAGACCTCA  
 TTAGGCAGCAGGCTGAGCACAGTGTGTGACATCCAAGGCCTGGCCAATATGCATCAGTACGATGGG  
 AAAGCTGTGTGCTCCCGTGCAGATAATGATATCAGAGAGTTAAAGGCTACTGGCAACATCGTGGAGGTG  
 CTGAGACAAAATTTCCATGTCTGGACCTCATGCAAAATGGACATGGCCAATTTTACAATTATGAGTCTCA  
 GACCGCACCTTCAACGCCAGTTGGTGAATATGAGAGAACCAAGTTCCAGGAAATTTTGGAGAACTCC  
 AAGTGCTCTTGATCAGACTACAGAAATGGATAAAAGAATCTGTAATGAAGAAATTTTTCTCTTTCTGAG  
 AGTGCTTTAACTCCTGGGCGGAAAATACCTCCAAGCCAAGCCTGAGCCCTACTTTGGTGCTAAATAATA  
 GTTACTTGAAACTGTTACAGTGGGATTATCAGAAAAAGAATTACCAGAGACACTTATGACAGATGGAGC  
 ACGTCTTCAGGAACTAACAGAAAAGCTGAATCAATTGAAAATTATTGCCTGCCTGCCCTAATTACCAAC  
 AACATGGTGGGTGCTATTACAGGAGGCCTGCCTGAGCTTGCAAGCAGGTTAACAAGGATTTACAGCTGTT  
 TACTTGAAGGCATGAACAAAGAGACCTTAACTTGAAGGAAGTCTGAATTCTATTGGTATTCAGACTTG  
 GTTTGAGTTAAACAAGCCCTGATGGAAGAGGTTTACCCTTTAAATGCTGAGATTCAAGCTAATCTT  
 ATAGGTCAATTTTCAAGCATTGAAGAGGAGACAATCCTATCTGGTCTTGATTGATAAACGAATTAAGC  
 TTTACATGAGAAGGCTACTTTGTCTTCCAAGCCCTCAAAAATGCATGCCTCCTATGCCAGGAGGCCTAGC  
 TGTCAATCAGCAGGAGCTAGAAGCCCTAGGCTCTCAATATGCAAACATTGTGAATCTCAACAAACAAGTG  
 TATGGACCATTTATGCAAATATACTTCGAAAGCTGCTCTTCAATGAGGAAGCCATGGGGAAGGTAGATG  
 CTTACCTCTACTAAC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>RG207129 representing NM\_152772  
 Red=Cloning site Green=Tags(s)

MPFNGEKQCVGEDQPSDSDSRFSESMASLSDYECSRQSFASDSSSKSSSPASTSPPRVVFDEVMATAR  
 NLSNLTLAHEIAVNENFQLKQALPEKSLAGRVKHIVHQAFWDVLDSELNADPPEFEHAIKLFEEIREIL  
 LSFLTGGNRLRNQICEVLDLIRQQAESAVDIQGLANYVISTMGKLCAPVRDNDIRELKATGNIVEV  
 LRQIFHVLDMQMDMANFTIMSLRPHLQRQLVEYERTKFQEILEETPSALDQTTEWIKESVNEELFSLSE  
 SALTPGAENTSKPSLSPTLVLNNSYLKLLQWDYQKKELPETLMTD GARLQELTEKLNQLKIIACL SLITN  
 NMVGAITGGLPELASRLTRISAVLLEGMNKETFNLKEVLNSIGIQTCVEVNKTLMERGLPTLNAEIQANL  
 IGQFSSIEEEDNPIWSLIDKRIKLYMRRLLCLPSPQKCMPPMPGGLAVIQELEALGSQYANIVNLNKQV  
 YGPFYANILRKLLEFNEEAMGKVDASPTN

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_152772

**ORF Size:** 1557 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\\_152772.3](#)

**RefSeq Size:** 2243 bp

**RefSeq ORF:** 1560 bp

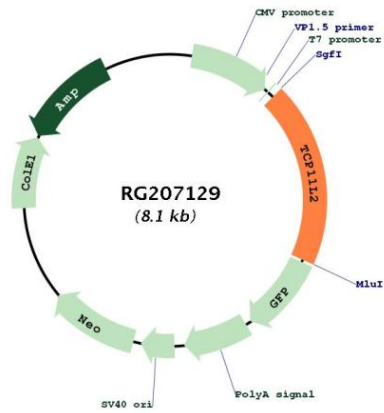
**Locus ID:** 255394

**UniProt ID:** [Q8N4U5](#)

**Cytogenetics:** 12q23.3

Protein Families: Druggable Genome

Product images:



Circular map for RG207129