

## Product datasheet for **RC237040**

### TCP11L2 (NM\_001286262) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TCP11L2 (NM_001286262) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TCP11L2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237040 representing NM_001286262 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCCTCAATGGCGAGAAGCAGTGTGTGGGAGAGGACCAGCCAAGCGATTCTGATTCTCCCGGTTTT  
CCGAAAGCATGGCTTCGCTCAGTGACTATGAATGCTCCAGGCAGAGCTTTGCAAGTGACTCTCCAGCAA  
ATCCAGCTCTCCTGCTTCAACAAGCCCTCAAGGTTGTAACATTTGATGAAGTATGGCTACAGCAAGG  
AACTTATCAAACCTTGACTCTTGCTCATGAGATTGCTGTAATGAGAACTTCAATTGAAACAAGAGGCTC  
TCCAGAAAAGAGTTTGGCTGGTCGAGTGAAGCACATTGTTACCAGGCCTTCTGGGACGCTTGGATTC  
AGAATAAATGCTGACCTCCTGAGTTTGAACATGCCATCAAACCTGTTTGAAGAAATCAGAGAGATTCTT  
CTCTCTTTCTCACTCCCGGTGGCAACCGGCTTCGCAACCAAATCTGTGAAGTTTGGACACAGACCTCA  
TTAGGCAGCAGGCTGAGCACAGTGTGTTGACATCCAAGGCTGGCCAATATGTCATCAGTACGATGGG  
AAAGCTGTGTGCTCCCGTGGCAGATAATGATATCAGAGAGTTAAAGGCTACTGGCAACATCGTGGAGGTG  
CTGAGACAAATATCCATGTCTGGACCTCATGCAAATGGACATGGCCAATTTTACAATTATGAGTCTCA  
GACCGCACCTTCAACGCCAGTTGGTGAATATGAGAGAACCAAGTTCCAGGAAATTTTGAAGAAACTCC  
AAGAAAAGCCGAGTTGCAGGTGCCTCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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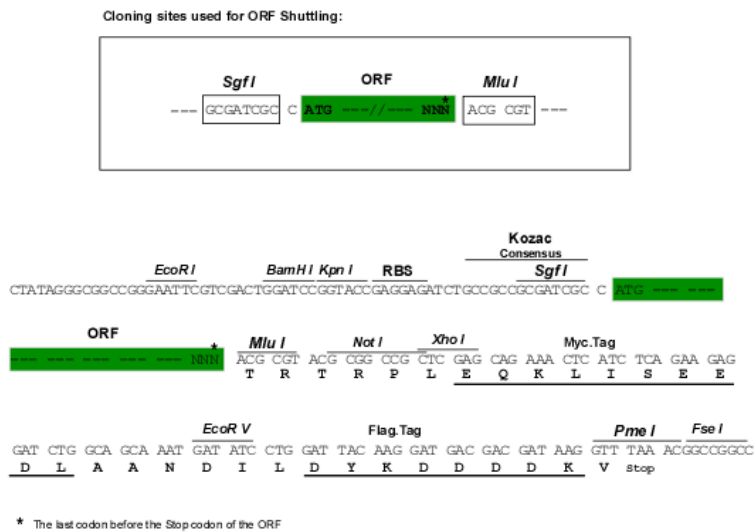
Protein Sequence: >RC237040 representing NM\_001286262  
 Red=Cloning site Green=Tags(s)

MPFNGEKQCVGEDQPSDSDSSRFSESMASLSDYECSRQSFASDSSSKSSSPASTSPPRVVTFFDEVMATAR  
 NLSNLTLAHEIAVNFENFLKQEALPEKSLAGRVKHIHVQAFWDVLDSELNADPPEFEHAIKLFEEIREIL  
 LSFLTPGGNRLRNQICEVLDLTDLIRQQAESAVDIQGLANYVISTMGKLCAPVRDNDIRELKATGNIVEV  
 LRQIFHVLDLDMQMDMANFTIMSLRPHLQRQLVEYERTKFQEILEETPRKAEVAGAS

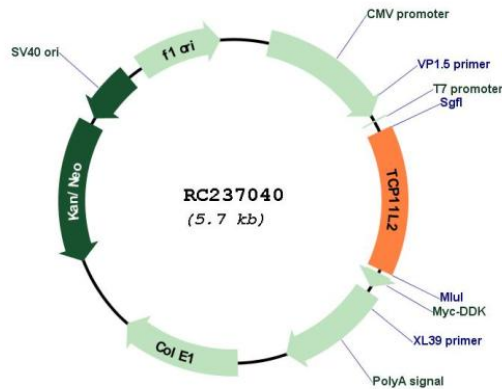
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001286262

ORF Size: 798 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001286262.2</a>
<b>RefSeq Size:</b>	1525 bp
<b>RefSeq ORF:</b>	801 bp
<b>Locus ID:</b>	255394
<b>UniProt ID:</b>	<a href="#">Q8N4U5</a>
<b>Cytogenetics:</b>	12q23.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	30.3 kDa