

## Product datasheet for **MG208282**

### Tcp11I2 (NM\_146008) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcp11I2 (NM_146008) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tcp11I2
Synonyms:	E430026E19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208282 representing NM\_146008  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTTTCAACGGTGAGAAGCAATGTGTGAGCGAGGACCAGCAGAGTGACTCAGAGTCTTCTCGGTTCC  
 CCGAAGGCGTGGCTTCACTCAGTACTATGAGTGTCCAGGCAGAGCTTACCAGCGATTCTCCAGCAA  
 ATCCAGCTCTCCTGCCTCAACAAGCCCTCCCGGGCTTAATGTTTGATGATGTGATGGCTGCAGCAAAG  
 AACTTATCAGACATGACTCTCGCTCATGAAATAGCTGTGAATGAGAACTCCAGCTGAAGCAAAATGCTC  
 TCCCGGAGAACAGCCTTGTGGTCAAGTGAAGCGTGTGTCCACCAGGCCTTCTGGGATGTCTTGAAGC  
 AGATCTCAGTGTGAGCCTCCTCAGTATGAATATGCCATCAAAGTGTGAAAGAAATCAGAGAGATTCTT  
 CTCTCTTCTCACGCCTGGCGGAACAGACTTACAGCCAGATCTGTGAGGTTCTGGACATCGACCTCA  
 TTAGACAGCAGGCCGAGCACAGTGTGTCGACATCCAAGGTCTGGCCAACTATGTCATCACCACCATGGG  
 GAAGATATGTGCTCCTGTGAGAGATGAAGACATCCGAGAGCTGAAAGCTACCACCAACATCGTGGAGATG  
 CTGAGACAAATCTCCGTGTCTTGGACCTCATGAGAATGGACATGATGAATTTTGTCAATTAGGAATTA  
 GACCTCACATCCAGCATCATTTGGTGGAATATGAGAGAAAACAAATTCAGGAAGTTGTAGAAGAAATCC  
 AAATGCCCTCAGTCAAACCACAGAGTGGCTGAAAGAGTCCATAGATAAAGAAATGCTTTCTGAGACTGAT  
 GTAGCTCCTGCAGCTGAACATAGCTCCACGCCTAGCCTGAGCCCTCTGTTGGTGTAAATAACTGTTACT  
 TGAAACTCCTCAGTGGGATTATCAGAAAAAGTCTTACCAGAGACACTCATGACAGATGGACCACGGCT  
 TCAAGAACTGTCAGAAAAGCTCAATCAATTGAAAATGACTGCCTGCGTGGCCTTAATCACCAACAACATG  
 GTGGGTGCTGTTACAGAAGGCCCTGCCTGAAGTCTAACAGGTTAAAAAGGATTTACAGCTGTTCTGCTTG  
 AAGGCATGAATAAAGAGACCTTTAACTGAAGGAAGCCCTGCATCTATTGGTGTTCAGACTTGTGCTTG  
 AGTTAACAAAGCCCTGGAAGAGAGAGGCTCGCCCACTTTAAATGCTGAGGTTCAAGCTAACCTTGTGCGT  
 CAGCTCTCCAGCCTGAAGAGAAGGACAATCCTGTCTGCACCTTGATGGATAAACGGATCCAGTTGTACA  
 TGAAAGGCCTGCTCTGTCTTCCAAGCACTCAGAAGAGCATGCCTCCTGTGCCAGGTGGCCTTGATGTCAT  
 CCAGCGGGAGCTGGAAGTGTGGCTGCCAGTATGCAAACATTGTGAATCTCAACAAACAGGTGTATGGA  
 CCATTTTATGCAAATATATCCGAAAGCTGCTCTCCGGGATGAAGCCGTGGGGAAGATAGATGCTTAC  
 TCCCACTAAC

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG208282 representing NM\_146008  
 Red=Cloning site Green=Tags(s)

MPFNGEKQCVSEDDQSDSESSRFAEGVASLSDYECSRQSFSDSSKSSSPASTSPPRGLMFDDVMAAAK  
 NLSDMTLAHEIAVNENFQLKQNALPENSLAGQVKRVVHQAFWDVLEADLSAEPQYEAIKLFEEIREIL  
 LSFLTPGGNRLHSQICEVLDIDLIRQQAHSAVDIQGLANYVITTMGKICAPVRDEDIRELKATTNIVEM  
 LRQIFRVLDLMRMDMMNFVIRNIRPHIQHHLVEYERNKFQEVVEETPNALSQTTEWLKESIDKELLSETD  
 VAPAAEHSSTPSLSPLLVLNNCYLKLQWYQKKVLPETLMTDGPRLQELSEKLNQLKMTACVALITNNM  
 VGAVTEGLPELANRLKRISAVLLEGMNKETFNLKEALHSIGVQTCAEVNKALEERGSPTLNAEVQANLVG  
 QLSSLEEKDNPVCTLMDKRIQLYMKGLLCLPSTQKSMPPVPGGLDVIQRELEVLGCQYANIVNLNKQVYG  
 PFYANIFRKLFRDEAVGKIDASLPTN

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

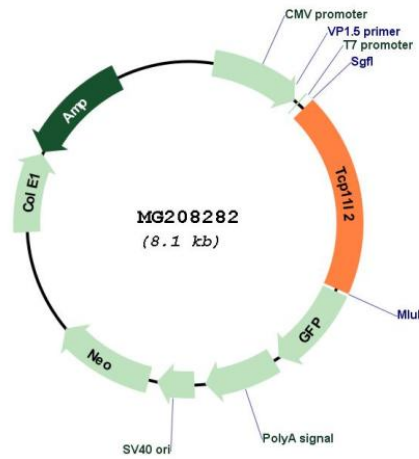
Sgfl-Mlul

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



ACCN:	NM_146008
ORF Size:	1551 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. <a href="#">More info</a>
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:	<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>
RefSeq:	<a href="#">NM_146008.2</a> , <a href="#">NP_666120.1</a>
RefSeq Size:	2400 bp
RefSeq ORF:	1554 bp
Locus ID:	216198
UniProt ID:	<a href="#">Q8K1H7</a>
Cytogenetics:	10 C1