

## Product datasheet for **MG224631**

### Tcerg1l (NM\_183289) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tcerg1l (NM_183289) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tcerg1l
Synonyms:	5730476P14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG224631 representing NM\_183289  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGGCGGGCCAGGCTCCAGCGGGCGGGCGGCGAGCTACAGCAGCCCCAGCAGCCCCGGTGGCGGC  
 AGCCTCTCCCGTGGCCGATGAATGCAGACCCACCGCCACCGCCCTGGGTTTGGATGGTCCCGGCACCGC  
 CGGGCTGCTCCGGCTTGGCGCCGGGTGCGCCCCCGCCGGTGTGTTGGCCTCGGCGCAGCCTGCCTCC  
 GCCCGTGTCTCCCGCGCTGCCGGGTGGCCAGCCCCGGGAGAGCCCTGCTGCCCTGCTGCCCTGT  
 CCTCTGCGCCAGACCACGCCCGTGCACCATTATCCCCTGCTCCACGGACAGTGGCTGTTTGGTGGTCA  
 TTCTCCATCCATAGGACTAGCCCCCTCTCTGCTGTGGAGTTGGTGCCCTTTTCCACATGTCTGTCT  
 TCTACTCTGTACCTCTGTTGGAAAACTGGATAGATAAGAGGATGCCTAATTACAAGATTTTTTTTA  
 ACAACCCCTTTGCTCTGGACTCAACCTGGATGTACCCGGAGGAATCGGTACTTCCACAGCCATGAAAA  
 AACTCATTTTCTGGCAAACCAAGTAACTCCATCTCTGTCCAGGCCACTCTGCCTCCAGGCCTCTCCCC  
 ACTGTGGTATTAGCAGCTCAACCATACAGGTGGTTGTATGACAGTCTTAAGCCAATCAGCAGGGGTC  
 CCACCATCACCATCACTGCTGCCACAGTGTCTGTGCAGCTACTGCCATGGTCTCTGTAGACCCCGAGGA  
 ACTCCGGGGCCTGAGCCCTCCATCATGCAGCCGTGCCACTTCCCTGACATTGACCCCATCAGAATCCCC  
 TTCCGGACTGCCCATTTCTAGATAAAGGCAAAGAGCACAGCCGTGCACCCCGTTCCCTGCCCTGATGC  
 TACGTGCCCCAGAGAGAAAAAGCTTGGTGGGAGACAAGGAGGATAAAGGAGCCTCCACCCATATTGGTAAG  
 AGGGGAGGAACTGCAGCGAAAGCAATAAACCAGTGGCTCCACGCCTGTGCCTGGATCCCCCTGGTGT  
 GTGGTCTGGACGGGTGATGACCGGGTTTTCTTCAACCCGACCATGCAGCTGTCACTGGGAGAAGC  
 CAGTGGACCTACAGAACCGTGGGACCTCAAGAGAATCATCGAGGACCCACCCACAACGCAAGCTGGA  
 GGCTCAGCAACTGAAAGCAGTGTGGTCCAGCTCAGATGATGGCAGTGAGGACCAAAGTGTGAAAACC  
 AAGAGGAACAGGACTGAAAGCTGCGAGGGCCCTGGACCAGAAGACCCATCAAGTGGACAAGGGACCGC  
 AGACACCACCCACAGATTCTCCTGCCCTGGAAGAGCGTGTGACCCATTTCCGAGACATGCTGTAGA  
 GAGAGGGGTGTCAGCGTTTTCTACTTGGGAGAAAGAATTGCATAAAAATTGTGTTTGACCCACGATATCTC  
 CTGCTAAACTCTGAGGAACGAAAACAGATATTCGAGCAGTTTGTCAAGACAAGAATCAAAGAAGAATACA  
 AGGAAAGGAAAAGTAAATTGCTGCTAGCCAAAGAAGAATTCAAGAACTTCTAGAAGAATCTAAAGTATC  
 GCCCAGGACCACATTTAAAGAGTTTGCAGAGAAACACGGCCGTGATCAGAGGTTTCGTCTGTTCAGAAG  
 CGAAAGGATCAGGAGCACTTTTTCAACCAGTTCATACTTATCCTAAAAAACGGGACAAGGAAAACAGAC  
 TAAGGCTCCGGAAGATGAGA

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG224631 representing NM\_183289  
 Red=Cloning site Green=Tags(s)

MLAGARLQRRRQLQQPQQPRWRQPLPWPMPNADPPPPWVWMPGTAGLLRLGAGVAPPVLLASAQPAS  
 APLLPRLPGWPAPGPELLPLPLSSAPDHAHVHYPYLLHGQWLFGGHSPSIGLAPSSAVELVPLFPHVCP  
 STLSPVVGKNWIDKRPYKIFFNPNFALDSTWMPYEEVLFHSHEKTHFLANQVTPSLSRPTPASRPLP  
 TVVLAAPQIPGGCHDSLKPISRGPTITITAATAAAAATAMVSDPEELRGLSPSIMQPCFLTLTPIRIP  
 FRTAPFSDKGKEHSRAPRSPALMLRAPERKSLVGDKEDEPPPIILVRGEETAAGNKPVASTPVPGPSWC  
 VVWTGDDRVFFNPTMQLSVWEKPVLDLQNRGDLKRIIEDPPHKRKLKLEASATESSDGSSDDGSEDQSVKT  
 KRNRTESCEGPGPEDTHQVDKGPQTPPPQILLPLEERVTHFRDMLLERGVSAFSTWEKELHKIVFDPRYL  
 LLNSEERKQIFEQFVKTRIKEEYKERKSKLLLAKEEFKLLLEESKVSPTTFKEFAEKHGRDQRFRLVQK  
 RKDQEHFFNQFILILKKRDKENRLRLKMR

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

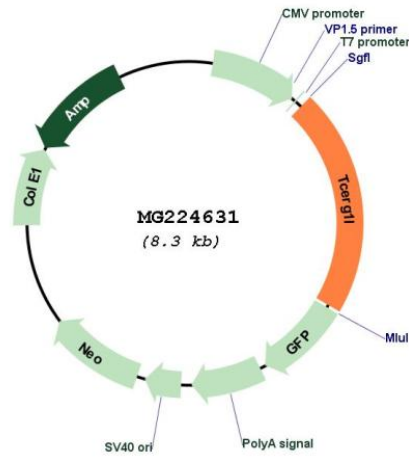
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM\_183289

ORF Size: 1770 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_183289.3</a> , <a href="#">NP_899112.2</a>
<b>RefSeq Size:</b>	2569 bp
<b>RefSeq ORF:</b>	1773 bp
<b>Locus ID:</b>	70571
<b>UniProt ID:</b>	<a href="#">Q3B807</a>
<b>Cytogenetics:</b>	7 F4