

## Product datasheet for **MG215375**

### Tlr11 (NM\_205819) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tlr11 (NM_205819) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tlr11
Synonyms:	Gm287
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>MG215375 representing NM\_205819  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCTCAAAGAATCGATGCCAAGGATGGAAGACATCAGTTCTGTCTGTTCCTCATTCTGATACTAT  
 TGA CTCTGGTGAGCCTTACCTTGACTGGCTGGGCATGGACCATCCCTGATTGCATCATAGCAGACAGTTT  
 GTTATTTCTTAACCTTTCTACTACATCCCATTCTGTACCTCGGCCCCAGGACTGCACCTTTTGGCATCT  
 TGCTCTAATGTTAAAACTTAAATCAGACCCTAAAAAGAGTGCCAGAAAACAGAGGACTCTGCCTCC  
 AGGGCATGGTTCCTACTCTGCCAGCTAAGGCCTTTATTCGCTTCCACTCCCTACAGCTTCTAAGGCTGCA  
 ATTGCGTACAACCAAGTGCACATCTAGGACTTTTCAAGGACTGGACCAGCTACAATACCTTTTTTTTGTAT  
 CATCATGCTCCCTGTTGCCTAAGTTTGTCTCTCTCAAATTGTTTTGAGTCTCTTAGATCCCTTAGTA  
 GTCTTTCTTTCAAGGATATTGCCTGACTTATAGCCAAAGCATCTACTTGCCAAC TAGTCTTAGGCATCT  
 AACTCTGAGGAATAGCTGTCTAACAAAGTTTCAGGACCTTCAAAGGCTCTCCCAGACCTCTGCTGAGT  
 ACCTCCTCTACACCCAATATCAAACCAGGGGCACCCTTTTAGAGACGCTGGATTATCTTACAACCTTC  
 AGCTGAAACAGGCAGGTGTCAGAGACTTGTATGGCCTCACACTCCATTCCCTAATATTGGATGGTACCCC  
 ACTAAAAGCACTTGATCTCACAGACTCAGGACTGCTCCACTTGCATTTCTCTCCCTTGTGGGAACAGGA  
 ATAGAAAAAGTGCTGCAAGTTTGACTGGCTACTCTGAGCTTCGTGCACTTGACCTTGGGAAAAACCAAA  
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 AATAAGCTTGGCCAATCTTGAGCTTCCAGAAGGACTCTTAGCACAAACTTAAAAGTGCTAGACTATCT  
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 GAGTGGCAATAACATCTCTAGTTTATCCAATGAAAGCCTGCAGGACTGAGGCAGCTGAGGACACTAGAC  
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 CAAGCAGAATCATGTATTCAGTTTATGATTACAGTGGACAGCCATTCTATTCTTGAGAACCTTACCT  
 TAGAGACTTCCATTCTATACTAAAACCAGACAACATCACAATTCATTTCCCTCCCTGCGTGCCTCAC  
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 GAAGGAGGTACCTCAGTTACAGGACTGGCATTGAGCCACCTGAATCTCAGGAACCTCTCTGTGTCCAGC  
 TTTAAGAGCTTGCAAGACCTCAAACCTGCTCTTCAACTCTGAAAGGGCGCTGGAGATGAACAGCAACC  
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 CTCTGTGTGCTCACAGGACAGGCCTTAGCAAGTCCCTGGTGAATCTAGAGTTACGACTGGCCACTTACC  
 ACTTGGTAGCCAGGCTGGGACCACTCATCTCTGCTGTTGTTTCTGGAGCCCTTGATAGGCAGAGGCT  
 CCATAGTTACCATCGCTATCCCGTTGGCTCCAGAAGGAGGACTATTTTGATTTGCCAAGGGAAAGTG  
 GAGTGAACCTCTTCTGTGAGCAACTGAAGAGACGGCTCAGCAAAGCTGGACAAGAAAGAGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >MG215375 representing NM\_205819  
 Red=Cloning site Green=Tags(s)

MLKESMPRMERHQFCSVLLILILLTLVSLTLTGAWTIPDCIIADSLFPNLSYYIPFCTSAPGLHLLAS  
 CSNVKLNQLKRVPRNTEVLCIQGMVPTLPKAFIRFHSLQLLRLQLRRTSVTSRTFQGLDQLQYLFFD  
 HHAPCCLSLFLSPNCFESLRSLSLFSQGYCLTYSQSIYLP TSLRHLTLRNSCLTKFQDLQRLFPDLLLL  
 TSSTPNIKPGAPFLETLDLSYNLQKQAGVRDL YGLTLHSLILDGTPKALDLTDSGLLHLHFLSLVGTG  
 IEKVPASLTGYSELRALDLGKNQIQNILENGEIPGYKALEFLSLHDNHLQTLPTFRFLHTLPQLKLNLSM  
 NKLGPILPEGLFSTNLKVLDSL SYNQLCDVPHGALSLSQLQELWLSGNNISL SNESLQGLRQLRTL D  
 LSWNQIKVLKPGWLSHLPALTTLNLLGTYLEYILGIQLQGPKMLRHLQLGSYPILDIYPPWPPTLLSLEI  
 QAESC IQFMIHSGQPFLFLENLTLET SILLKPDNITIHFP SLRRLTLRGYSFIFSTSQLQRFFPQQLPL  
 LEHFFIWCENSYAVDLYLFGMPRLRVLELGYLNFFYESSTMKLEMLLKEVPQLQVLALSHLNLNLSVSS  
 FKSLQDLKLLFNSERALEMNSNLQEFIPQMPQYVYFSDVTF TCQCEASWLESWATRAPNTFVYGLEKSI  
 CIANASDYSKTLLFSFLATNCPHGTEFWGFLT SFILLLLLIILPLISCPKWSWLHHLWTLFHTCWWKLCG  
 HRLRGQFNVDVFI SYCEEDQAWVLEELVPVLEKAPPEGEGLRLCLPARDFGIGNDRMESMIASMGKSRAT  
 LCVLTGQALASPCWNLRLATYHLVARPGTTHLLLLFLEPLDRQLHSYHRLSRWLQKEDYFDLSQGVK  
 EWNSFCEQLKRRLSKAGQERD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

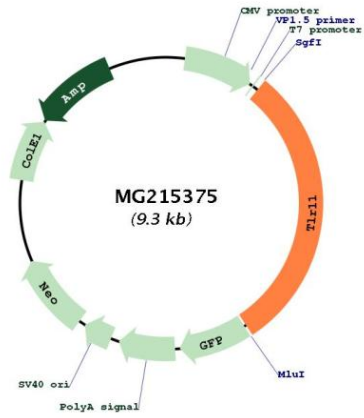
Cloning Scheme:



ACCN: NM\_205819

<b>ORF Size:</b>	2793 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_205819.3</a> , <a href="#">NP_991388.2</a>
<b>RefSeq Size:</b>	3212 bp
<b>RefSeq ORF:</b>	2796 bp
<b>Locus ID:</b>	239081
<b>UniProt ID:</b>	<a href="#">Q6R5P0</a>
<b>Cytogenetics:</b>	14 C1
<b>Gene Summary:</b>	Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215375