

## Product datasheet for **RN214440**

### **Tlr12 (NM\_001108682) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tlr12 (NM_001108682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tlr12
Synonyms:	RGD1559145
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214440 representing NM\_001108682  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGCAGGTCCTTCCTGCTGCCGGTCTCCTCCTTTCACTGCCTCTGGTAACAGGGTGGACCCTCCCA  
 AATGCCTGGTGAAGGCTCCCAACTGCCCTGGTCTCCCGCTATTTCACTCTGCCACTACTCCAA  
 GCTGCTCTTTCTGCTGCATGCTTCCCTGTGAGCAACCTGACGCAGACCTTGAAGCTGTGCCTCGGAAT  
 GTGGAGGGGCTCTGCCTCAGTGGTTCTGTGTCTACTCTGCTTCCGGATGCCTTCTGCTTTCCCTGGAC  
 TCAAGTTCCTGGGACTGAATCTGCACCTTACCCGACTCCTGCCAGGAGCTCTCCGGGGCCTGGGACAGTT  
 ACGGAACCTCTCTTTGTTGACCAACCTTCTGAAAGAAGTCTCTTTTACCTCCTGATGCCTTTGGT  
 GACCTGATTTCCCTCCAGAGACTCCATTTCTGTGGCCCTGTCTGAATAAGAAGGCAGGTGTCCGTCTAC  
 CTTCCAGTCTGCAATGGCTCTCTGTCAATCAGTTGCCCTCAGGACTCAGGAGAGCTGGCTGGTATATT  
 CCCAGATCTGGTCAAAAATTCCTCCTCCAGGGCTTCGTGGACCCTGAAGAAGTTGGATCTGTCATTAAC  
 CAGAAGCTGAAGATGGCTACTCCTGGGTCCCTACAGGGTCTCCAGGTGGAGATTCTGGACCTGAGGAAAA  
 CACAACCTGGATGCTGGGGCAGTGAAGGGCCTGGGACTTCAGAACTCAATGTTTTGTATGCACCGACTGC  
 CACGGCCGAGCTGGCTGCTGAGACTGCTGCCACTTTGAGCTGCAGGGCCTGAATGTGGACAGAAGCAAG  
 ATAGGAAATATATCTCAGGAGGCCCTGGCTTCTGCCATAGCCTGGAGACCTTGAGTCTGTGACACTG  
 GACTGACTAAGCTGCCACCAGGCTTTCTGGCTGCCATGCCTAGGCTTCGGAGACTGAACCTGGCCGAAA  
 CCAACTACAGAGCACCATGCTGTGTATGAATGAGACAGGAGACGTGTGAGACTCTCAACTCTGGATCTG  
 TCAGGCAATGGTTGCGCATCTGCCTCCAGCCACCTTCTCCTGTTTACCACACTGCGAGAGCTGCTGC  
 TTCAGGACAACCAGCTGCTTTCCCTGGAGGGGCACCCGTTCCAAGATCTACAGCAACTAGAGACCTTGAA  
 GCTGGATAGGAACCCCTGCTTAACCTGGGGAAGAAGTGTGGCTGCTCTGCCTGCATTGACTACCCCTT  
 AGCCTGCTAGATACCCAAATATTGCACAGCCAGATGCTGGCTTCTGGGAGCAAGGAGTCTGCATACCT  
 TACACCTGAGCTTGCCCTCTCTCTGCTCCGGCAGTATTGTCCCTGCCATGTATCTGACCAGTTTAGA  
 GCTTATGTAACCCAGGCTTGAAGCATTGGACTGTCCCAAATATCTTTCTTTCTGGAGACCTTG  
 ACCATAACGGCAGGGGACTGAAGCTGGGGTCCAAAATGCCTCTGAGGTCTTCCCTGCTCTCCAGCATC  
 TCTTTCTGCTCCAGAATAGCTTGGATGCCTTCTGCTCCAGGACGCTCCAGCATTTTCTCTGGCAGCT  
 CCCCAACTTCAGTCTTGAAGGTATGGGGTGTGGAAGTAATCCAGACCTGCCTCATCACTGGGCTG  
 CCCAGCCTGCAGGAGCTAAAGCTGGAGTCTCTACAGTCCATCACCCAGCCCGCTCAGTACAGCTGGAGG  
 AGCTGGTGGGTGACCTTCCACAACCTCCAGGCGTTACAGCTGTCCAGCACAGGGCTCAAATCCCTGTCCGC  
 TGCTGCTTTCCGGCCCTGCACAGTCTCCAGGCCCTTAGTGTGGACAGTGAAGAAAGACTTGGTGTGCAG  
 GACAGTCTGAGGGAGTACAGCCCTCAGATGCCCGCTATGTATACATTCTGCAGTCAAAGTTGGCCTGCC  
 AGTGTGCTAATGCGTGGATGGAGCTGTGGGTAAAGCAGTCCACAAAACGTACGTACACATAAGAGACGG  
 TCACCTGTGCCAGGAGAAGTCAAGGTCCTCCCGCCAGGGATTCCCTTATCTCTTTCTCTGGGACCACTGC  
 CCCCAGACTTTGGAGCTGAAACTCTTTTGGCCAGTCTGCCTTGGTGTATTGCTAATTGTCTTGCCTC  
 TCCTCAAAGGAGCCAGGAACACTTGGATCCCCTACCTCCGGGCCCTGTTTCAGGATTTGGCTCCAGGGTCT  
 GAGGGGTCAAGGGAATGCGGGGAAGAGGTTCTTTTGTATGATTCGTGTCCCCTGCAGGCAAGACCAG  
 GGCTGGGTGCTAGAGGAACCTTCTGCCTGCTCTGGAGGGCTTCTTCCAGCTGGCCTCGGCCACGCCTCT  
 GTCTCCCCGAGCGTGACTTTGAGCCTGGTAAGGATGTAGTTGATAATGTGGTAGACAGCATGGTGGAGCAG  
 CCGAGTACGCTCTGCGTGTGAGTGGCCCGCCTTGTGTAACCCCGATGCTGCCTGGAGCTCCGCTTG  
 GCCACTTCTTTCTCCTGGCTGCCCGTCCCCTCCAGTGTGCTGCTGGTCTTCTGGAACCAATTTCCC  
 GACACCAGCTCCCAGTTACCACAGACTGGCTCGGTTGCTTCGACGAGGAGACTACTGCCTGTGGCCTGA  
 GGAGGAGAAAGAAAGGGTGGTCTGGACGTGGCTGAGGAGCAGGCTAGGGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001108682

<b>Insert Size:</b>	2715 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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>	<u><a href="#">NM_001108682.1</a></u> , <u><a href="#">NP_001102152.1</a></u>
<b>RefSeq Size:</b>	3006 bp
<b>RefSeq ORF:</b>	2715 bp
<b>Locus ID:</b>	362604
<b>Cytogenetics:</b>	5q36