

## Product datasheet for **RN215075**

### **Tlr6 (NM\_207604) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tlr6 (NM_207604) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tlr6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215075 representing NM\_207604  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTAAATCCCTCTGGGATAGCCTCTGCAACATGTCCCAAGACAGAGAACCCATCGTGGAGAGTTCC  
ATTTTGTTCACCCCTGGCCTTAATAGTCGGAAGCATGACCCAGTTCTCTGATGAACTTGAGTCTGTAGT  
AGACTATTCAAACAAGAACCCTTACTCATGTCCAAAAGACCTGTCAACAAGCACAAAATCCTTGAGTCTG  
TCTCAAACTCCAATCTGATCTTCAGATGTCTGATATCAGCTTTCTGTGAGAGCTGAGAGTTCTGAGAC  
TCTCCACAACAGAATACGGAGACTTGACTTTGGTGTGTTCTTGCTCAATCGGGACTTAGAATACCTGGA  
TGTCTCTACAATCAGTTACAAAACATCTCTTGCTGTCCATGGTGAACCTGAAACATCTAGACCTCTCA  
TTCAATGATTTTGAAGTGTGCCCGTGTATAAGGAATTTGGCAACTTGAGGAAGCTGAGTTTCTGGGAT  
TAAGTGTGCAAAGTCCGACAACCTGGATCTGCTCCCAATTTCTCACTTGACCTGAGCTGTGTTCTTCT  
GGACTTGGTGAATTATCAGATAAAAGATGGTGAACAGAAAGTCTTCAGTTCCAATACCAACGTTCTC  
CATTTGGTCTTTCATCCGAATAGCTGTCTCTGTGCAAGTGAACATATCTGTAATGCTTTAGGATGCT  
TACAACCTGAGTAATATTAATGAATGATGAAAACCTGTCAAAGCTTAATTATATTTTATCAGAACCTCAC  
CAGAGGTCCAACCTTATTGAATCTGACCTCCAGCACATAGAAACAACTGGAAGTGCTTTGTTAGACTT  
TTACAATTCCTTTGGCCAGACCTGTGGAGTATCTCAATTTTACAACCTAACGATAACTGAGAGCATAA  
GCAGGGAGACATTTATTTACGTGGAGACAGTGTGAAGTCACTGAAGATAGAGCATGTCAAAAACCAAGT  
GTTCTCTTTGTGAAGGATGACTATATTTGTGTTTGCAGAAATGAACATCAGGATGCTCACACTGTCA  
GACACGCCATTCACATGGTGTGCCCTGAGTCCCAAGCACATTTGCATTTCTGAACCTTACCAGAG  
ACGTTTTTACTGACAGCATTTTTCAAGGCTGTTCCACCTTGAAGAGACTGGAGACACTTATCTTGCAAAG  
GAATGGTTTTAAAGAACCCTTTTTAAGGTAGCTCTCATGACCAAGACTATGCCTCTCTGGAACATTGGAT  
GTCAGTTTGAATCTTTGAACTCTCATGTGTATGACAGAACATGTGCTTGGGCCGAGAGCATACGGGTGT  
TGAATTTGTCTTGAATGTACTTTGCGACTCTGTCTTCAAGTGTACTTCCCAAGGTCAAGGCTCTTGA  
CCTTCAACAACAGGATAGTGAGCATCCCTAAAGATGTCACCCACCTGCAAGCTTTGCAGGAACCTCAAT  
GTCGCATCCAATTTTTAACTGACCTTCTGGATGTGGAGCCTTCACTAGCCTTTCTGTGCTGGTCACTG  
ACCATAACTCAGTTTCCACCCCTCCTCTGATTTCTTCCAGAGCTGTGAGAAATCAGGTCCATAACAGC  
GGGAACAACCCATTCGATGCACATGTGAGCTGAGGGAGTTGTCAAAAACATAGGTGAGGATCAAGA  
GAAGTGGTGGAGGCTGGCCTGACTCTTACAGATGTGATTACCCAGACAGCATTAAAGGGAACCCACTGC  
AGGACTTCCACATGTCTCCACTGTCTGCGATACAATTCTACTGACTGTCAACATTGGGGCCACTCTGCT  
GCTACTGGCTGCCATTGGGGCTTCCCTCTGTCTACTTTGATCTGCCCTGGTATCTCAGGATGCTATGG  
CAGTGGACACAGACCAGGCACAGGGCCAGGAACATCCCCTTAGAGGAACTGCAGAGGAACCTCCAGTTCC  
ATGCTTTTGTCTCATACAGTGAAGTATCTGCTGGGTGAAGAATGAATTAACCAACCTAGAGAA  
AGATGACATTCGGGTTTGCCTCCATGAGAGAACTTTGTCCCTGGCAAGAGCATTGTGGAGAACATCATA  
CACTTCATTGAGAAGAGTTACAAGTCCATCTTTGTGCTGTCTCCCACTTCAACAGAGTGAAGTGGTCC  
ATTATGAACCTACTTTGCCATCACAATCTTCCACGAAGGTCTGATAACTTAATCCTGATCTTGTCT  
GGAACCCATCAAACAGAACAACATTCACAGTAGATACCACAAGCTGAGGGCTCTCATGGCACAGCGGACT  
TACTTGGAAATGGCCTATTGAGAAGGTAACCTGGGCTGTTTTGGCCAACCTTAGAGCTCTTTTATTA  
TGAAGCTAGCCTTAGTTAATGAGAATGATGTGAAAACCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_207604  
Insert Size: 2421 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>	<a href="#">NM_207604.1</a> , <a href="#">NP_997487.1</a>
<b>RefSeq Size:</b>	2820 bp
<b>RefSeq ORF:</b>	2421 bp
<b>Locus ID:</b>	305353
<b>Cytogenetics:</b>	14p11
<b>Gene Summary:</b>	member of the Toll-like receptor (TLR, for whom the bell...) family which plays a role in pathogen recognition and activation of the immune response; interacts with Tlr2 [RGD, Feb 2006]