

## Product datasheet for RN208760

### Tlr9 (NM\_198131) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tlr9 (NM_198131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tlr9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208760 representing NM_198131 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTCTCTGTAGCAGGACCCGACCCCTTGTCTCTCCTGGTACAGGCTGCAGTCTGGCTGAGGCTC  
TGGCCCTGGGTACCCTGCCTGCCTTCTACCCTGTGAAGCTGAAGCCTCATGGCCTGGTAGACTGCAACTG  
GCTGTTCCCTGAAGTCTGTGCCTCACTTCTGCGCAGAACCCCGTTCCAACATCACCAGCCTTTCCTTG  
ATCGCCAACCGCATCCACCACCTGCACAACCTCGACTTTGTCCACCTGCCAACGTGCGACAGCTGAACC  
TCAAGTGAAGTCTCCGCCCTGGTCTCAGCCCTTGCACCTTCTCCTGCCGCATGACCATTGAGCCCAA  
AACCTTCTGGCTATGCGCATGCTGGAAGAGCTGAACCTGAGCTATAACGGTATCACCAGTGTGCCCCGC  
CTGCCAGCTCCCTGACGAATCTGAGCCTAAGCCACACCAACATCCTGGTACTCGATGCCAGCAGCCTTG  
CTGGCTGCACAGCCTGCGAGTTCTCTTCATGGACGGAACTGCTACTACAAGAACCCTGCAACGGGGC  
GGTGAACGTGACCCCGGACGCCTTCTGGGCTTGAGCAACCTCACCCACTTGTCCCTTAAGTATAACAAC  
CTCACAGAGGTGCCCGCAACTGCCCCAGCCTGGAGTACCTCCTGCTGTCTATAACCTCATCGTCA  
AGCTGGGGCCGAAGACCTAGCCAACCTGACCTCCCTTCGAGTGCTTGATGTGGGTGGGAATTGCCGTGCG  
CTGTGATCAGCCCCGACCTCTGTACAGAATGCCGGCAGAAGTCCCTTGATCTGCACCCTCAGACTTTC  
CATCACCTGAGCCACCTTGAAGGCTGGTGTGAAGGACAGTTCTCTCCACTCGTGAACCTCAAGTGGT  
TCCAGGCTCTGGTGAACCTCTCGGTGCTGGACCTAAGCGAGAAGTTTCTCTACGAGAGCATCAACAAAAC  
CAGCGCTTTCAGAACCTGACCCGTCTGCGCAAGCTCGACCTGTCTTCAATTACTGCAAGAAGGTATCG  
TTCGCCCGCTCCACCTGGCAAGTTCTTCAAGAGCCTGGTGTGCTGCGCTGCAGGAGCTGAACATGAACGGCA  
TCTTCTCCGCTTGCTCAACAAGAACACGCTCAGGTGGCTGGCTGGTCTGCCAAGCTCCACACGCTGCA  
CCTTCAAATGAATTCATCAACCAGGCGCAGCTCAGCGTCTTTAGTACCTCCGAGCCCTTCGCTTTGTG  
GACCTGTCCAATAATCGCATCAGCGGGCTCCAACGCTGTCCAGAGTCCGCCCGAAAAGGCAGACGAGG  
CGGAGAAGGGGGTCCATGGCCTGCAAGTCTCACCCAGCTCTCCGAGCACTCCCGTCTCAAAGAAGT  
CATGGTCAAGTGTGAAGAACCTCAGATTCACCATGGACCTGTCTCGGAACAACCTGGTGAATCAAGCCA  
GAGATGTTCTGCAACCTCTCCATCTCCAGTGTCTGAGCCTGAGCCACAAGTGCATCGCGCAGGCTGTCA  
ATGGCTCTCAGTTCCTGCCGCTGACCAACCTGAAGGTGCTGGACCTGTCTATAACAAGCTGGACCTGTA  
CCATTGAAATCGTTCAGTGAGCTCCACAGTTGCAGGCCCTGGACCTGAGCTACAACAGCCAGCCCTTC



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AGCATGCAGGGGATAGGCCACAACCTTCAGTTTTCTGGCCAATCTGTCCAGGTTACAGAACCTTAGCCTGG  
CACACAATGACATTCACAGCCGCGTGTCTCACGCCTCTACAGCACCTCAGTGGAGTATCTGGACTTCAG  
CGGCAACGGTGTGGGCCGATGTGGGACGAGGAGGACCTTTACCTCTATTTCTTCCAAGACCTGAGAAGC  
CTGATTCATCTGGACCTATCTCAGAATAAGCTGCACATCTCCGGCCCCAGAACCTCAACTACCTCCCA  
AGAGCCTGACGAAGCTGAGTTCCGTGACAATCACCTCTCTTTCTTAACTGGAGCAGTCTGGCCTCTCT  
GCCAATCTGCGAGACCTGGACCTGGCAGGCAATCTACTAAAGGCCCTGACCAACGGCACCTGCCTAAT  
GGCAGCTCCTCCAGAACTGGATGTAGTACGCAACAGTATCGTCTTTGTGGTCCCAGCCTCTTTGCTC  
TGGCGGTAGAGCTAAAAGAGGTCAACCTCAGCCATAACATCCTCAAGACTGTGGATCGCTCCTGGTTGG  
GCCATTGTGATGAACCTGACGGTTCTAGACGTGAGCAGCAACCTCTGCATTGTGCCTGCGGTGCACCC  
TTTGTAGACTTACTGCTGGAAGTGCAGACCAAGGTGCCTGGCCTGGCTAACGGTGTGAAGTGTGGCAGTC  
CCCAGCTGCAGGGCCGACGATCTTTGCGCAAGACCTGCGGCTGTGCCTGGATGACGTCCTTTCTCG  
GGACTGCTTTGGCCTTTCACTCCTGGCTGTGGCCGTGGGACGGTGTGCCTTTACTGCAGCATCTCTGC  
GGCTGGGACGTCTGGTACTGTTCCATCTGTGCCTGGCATGGCTACCTTTGCTGACCCGTGGCCGGCGCA  
GCGCCAAAGCTCTCCCTATGATGCCTTCGTGGTTCGATAAGGCGCAGAGCGGGTGTGCTGACTGGGT  
GTATAACGAGCTTCGAGTGGCTAGAGGAGCGCGCGGTGCGCCAGCCCTACGCTTGTGTCTGGAGGAC  
CGAGATTGGCTGCCTGGCCAGACACTCTTCGAGAACCTCTGGGCCTCCATCTATGGCAGCCCAAGACTC  
TGTTTGTGCTGGCCACACGGACAAGGTCAAGTGGCCTCCTGCGCACCCAGCTTCTGCTGGCTCAGCAGCG  
CCTGCTGGAGGACCGCAAGGACGTGGTGGTGTGGTATCCTGCGCCCTGATGCCACCGCTCCCCTAC  
GTGCGACTGCGCCAGCGCTCTGCCGCCAGAGTGTGCTCTTGGCCCCATCAGCCCAACGGGCAGGGCA  
GCTTCTGGGCCAGCTGAGTACAGCCCTGACTAGGGACAACCACCACTTCTATAACCGGAACTTCTGCC  
GGGACCTACAGCAGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_198131

**Insert Size:** 3099 bp

**OTI Disclaimer:** 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).

**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:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_198131.1](#), [NP\\_937764.1](#)

**RefSeq Size:** 3326 bp

**RefSeq ORF:** 3099 bp

**Locus ID:** 338457

Cytogenetics: 8q32