

## Product datasheet for RN212929

### Tlr8 (NM\_001101009) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tlr8 (NM\_001101009) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tlr8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN212929 representing NM\_001101009  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTCCCCTCAGTCGTGGATTCTGACCTGCTTTTGCCTGCTCTCCTCTGGAACCACTGCAGTCTTCTCA  
 AAGGGAACCTTTCCAGAAGCTATCCCTGTGATGAGAAAAGGCACAATGCCCTTGTGACTGCAGAATGCAA  
 TCATCGTCAACTGCATGAAGTTCCCAAACCTATCGGCAAATATGTGACAGATGTAGACTTGTGACAGCA  
 ACTATTATGCACATAACAAATGAGTCCCTTCAGAAGTTTCGAAACCTCACTAAAAACAATCTGAACCACA  
 ATGCCAAACAACAGCACCAAAATGAAAATAAAAATGGTATGAATATTACAGAAGGGGCTTTCCTCAGCCT  
 AAGAAATCTAACTGAATTACTGTTGGAAGACAACCAAGTTATATACTATACCTGCTGGGTTGCCTGAGTCT  
 TTGAAAGAAGCTTACCTAATTCAAAACAATATATTTAGGTAACAAAAACAACCTTTCGGGCTCAGGA  
 ACTTGAAAGACTCTATTTGGGCTGGAAGTCTATTTAAGTGAATCAAATCTTTAAAGTAGAAGATGG  
 GGCATTTAACAATCTTATAAACTTGAAGCTTCTCTCATTATCTTTCAATAACCTTTTCTCCGTGCCTCCC  
 AAACCTACCAAGCTCTCTAAGCAAACCTTTTCTGAGCAATGCCAAGATCTCAACCATCACTCAGGAAGACT  
 TCAAAGGACTGGAACATTTAATATTACTAGATTTGAGTGGAAACTGCCCAAGGTGTTTCAATGCCCAT  
 TCCTTGTGAATCTTGCAACTAAGTGCCTCCATCAGAATACATCCTCTTGCTTTTCAAAAATCTCACTCAA  
 CTTTCGCTTTCTTAACCTCTCTAGCACTCCCTCAGGACGATTCCTTCTACCTGGTTCGACAACTGACAA  
 ATTTGAAGGAAGCTCCATCTTGAATTCATTTAGTTCAAGAAATGCCTCAGGAGCATTTTAAACCA  
 GCTACCCAGTTTACAACCTTGACCTGTCTTCAACTTATACATAAAGAATATTTACAATATATTACT  
 ATCTCCCCGAAGTCTCTATGCTTCTCTCAGGAAGTGCCTTAAAAGGTTATGTGTTCCGAGAAC  
 TAAAAAGGAACATTTCAAGCCCTCCAGAATCTTCAAACCTTAAACAACCATTAAGTGGCATTAACTT  
 TATTGAGAAAATGATTTCAAAGCTTCCAGGATTTTCCAAACCTCAAAGTATTTACTTATCGGGAAAT  
 CGACTATGACGAGTTTGATCCACACATGAATTTTACCATAGCACTGAACCTTTAATAAAGCCACAGTG  
 TACTACTTATGGCAAGGCTTGGATTTAAGTTTGAACAATATTTTCGTTATTGGGAAAAGTCAATTTGAA  
 GGTTTTCAGGATATCGCCTGCTTAAATCTGTCTTTCAATGCCAATGGTCAAGTGTGAATGGCACAGAAT  
 TCTCATCCATGCCACATTAATACTTGGATTTAACCAACAACAGACTAGACTTTGATGATAACCCAGAC  
 CTTTCAGTGACCTCATGATCTAGAAGTGTGGACCTGAGCCACAATGCACACTATTTTCAGTATAGCAGGG



GTAAACACACCGTCTAGGATTTATCCAGAACTTAATAAAGCTCAAGGTGTTAAACCTGAGCCACAATGGCA  
TTTACACGCTCACAGATGAATACAAGCTGCAAAGCAAATCTCTGAAAGAGTTGGTTTTAGTGGAATCG  
CCTTGACCGTCTGTGGAATGCAAATGATGGCAAATACTGGTCCATTTTTACAAGTCTCGAGACTCTGACA  
CGCTTGGACTTATCGTACAATAACCTTCAACAAATCCCAAATGAAGCATTCTCAACTGGCTCAGAGCC  
TCCAAGAGCTACATATCAATGATAACAGATTACGTTTCTTTAATTGGACATTACTCCAGTATTTCTCTCA  
CCTTCATGTGCTGGACTTGGGGAGAAATGAGCTGATTTTTCTAACCAATTGCCTATCGAAGTTTACACAT  
TCCCTGAAGACACTGCTGCTGAACCACAATCATTCTCTCACCTACCTGCTGGCTTCTCTCCGAAGCCA  
GGAACTGGTGTACCTGGATCTAAGTTTTCAACACAATAAAGATGATCAATAAATCCTCCCTGCAAACCTGA  
GACAAAAACAACTTGTCTGTTCTGGATCTACAAGGGAACCATTTTACTGCACGTGTGACATAAGTGAT  
TTCCGAAGCTGGCTAGAAGAAAATCCGCATGTCAGAATTCCTAGATTGGTAGATGCATTTGTTCCAATC  
CTGGGGATCAGAGATGGAAGAGTGTGATGAGCCTAGATCTCACGACTTGTGTGTCAGATACCACTGCAGC  
TATCCTGTTCTTCTTACATTCTTACCACCTCCACAGTGTGTTGGCTGCTCTGGTTCATCATCTGTTT  
TACTGGGATGTTGGTTTATCTATCACATGTGCTCTGCTAAGTTAAGAGGCTACAGGTCTTCATCCACAT  
CCCAAACCTTCTATGATGCTTACATTTCTTATGACACCAAGACGCATCCGTCAGTACTGGGTGATCAA  
TGAGCTGCGCTACCACCTGAAGAGAGTGAGGACAAAAGTGTCTCTCTTCTTACTAGAGGAGAGGGATTGG  
GATCCGGGATTACCTATCATTGATAACCTCATGCAGAGCATAAACAGAGCAAGAAGACAATCTTTGTTT  
TAACCAAGAAAATATGCCAAGAGCTGGAACCTTTAAACCGCTTCTACTTGGCCTTGACAGAGGCTAATGGA  
TGAGAACATGGATGTGATTATCTTCATCTCTGGAACCAAGTGTACAGTATTCACAGTACCTGAGGCTT  
CGGCAGAGGATCTGTAAGAGCTCCATCTCCAGTGGCCCAACAACCCCAAGCGGAAAACCTGTTTTGGC  
AAAGTCTTAAAAATGTGGTCTTGACCGAAAATGATTACCGGTATGACAATTTGTACATCGATTCCATTAG  
GCAATAC TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001101009

**Insert Size:** 3090 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\\_001101009.1](#), [NP\\_001094479.1](#)

**RefSeq Size:** 3381 bp

**RefSeq ORF:** 3090 bp

**Locus ID:** 684440

Cytogenetics: Xq13