

Product datasheet for **MC222566**

Tlr12 (NM_205823) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tlr12 (NM_205823) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tlr12
Synonyms:	Gm1365; Tlr11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222566 representing NM_205823
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAGGTAAGTGGCTGCTGCCAGGTCTCCTCCTTTCCCTGCCTCTGGTAACTGGTGGAGCACTTCCA
 ACTGCCTGGTGACCGAAGGCTCCCGACTGCCCTGGTCTCCCGCTATTTACATTCTGCCGCCATTCCAA
 GCTATCCTTTCTTGTGCATGCCTCTCCGTGAGCAACCTGACACAGACCTTGAAGTGTACCTCGGACT
 GTGGAGGGCTCTGCCTCGGTGGTACTGTGTCTACTCTGCTTCCAGATGCTTTCTCTGCTTTTCTGGTC
 TCAAGGCTCTGGCACTGAGTCTGCACCTTACCAACTTCTGCCAGGAGCTCTCCGGGGTCTGGGACAGTT
 GCAGAGCCTCTCTTTTTTACTCTCCTTTAGGAGATCTCTTTTCTACCTCTGATGCCTTCAGTGAC
 CTGATTTCCCTCCAGAGACTCCATATCTCTGGCCCTTGCCTGGATAAGAAGGCAGGCATCCGCCTGCCTC
 CCGGTCTGCAATGGCTGGGTGTCAGCTCAGTTGCATTACAGGACGTGGGAGAGCTGGCTGGTATGTTCCC
 AGATCTGGTGCAAGGTTCTCCTCCAGGGTTTCGTGGACCCTGCAGAAGTTGGATCTGTCATCCAACCTGG
 AAGCTGAAGATGGCTAGTCTGGGTCCCTCCAGGGTCTCCAGGTGGAGATTCTGGACCTGACAAGAACAC
 CACTGGATGCCGTGTGGCTGAAGGGCTGGGACTTCAGAACTCGATGTCTTGTATGCACAGACTGCCAC
 GGCCGAGCTGGCTGCTGAGGCTGTTGCCACTTTGAGCTGCAGGGCTTGATTGTGAAAGAAAGCAAGATA
 GGATCTATATCTCAGGAGGCTCTGGCTTCTGCCACAGCTGAAGACCTTGGGTCTTTCAAGCACTGGCC
 TAACCAAGCTTCCACCAGGCTTCTGACTGCCATGCCTAGGCTTACAGGACTGGAGCTGTCCGAAACCA
 ACTGCAGAGCGCCGTGCTGTGCATGAATGAGACGGGAGATGTGTCAGGACTCACGACTCTGGATCTGTCA
 GGCAACAGGTTGCGCATCTGCCTCCAGCCGCTTCTCCTGCTTACCCCACTTGCAGAGCTGCTGCTTC
 GGTACAACCAAGCTGCTTTCCCTGGAGGGATACTATTCCAGGAGCTCCAGCAACTAGAGCACTGAAGCT
 GGATGGAAACCCCTGCTTACCTGGGTAAAGAAGTGGTTGGCGGCTCTGCCTGCATTGACCACCTTAGC
 TTGCTAGATACCCAAATACGGATGAGCCAGAGCTGGCTTCTGGGGAGCAAAGAATCTGCATACCTTGA
 GCCTGAAGCTTCCCGCTCTCCCTGCTCCGGCAGTATTGTTCTGCCATGTATCTGACCAGCTTAGAGCT
 TCATATAGCCTCAGGCACGACGGAGCACTGGACGCTGTCCCAGCGATCTTCTCCTTGGAGACCTTG
 ACTATAAGCGCGGGGGACTGAAGCTGAAGCTGGGGTCCAGAATGCTTCTGGGGTCTTCCCTGCTCTCC
 AGAAGCTCTCCCTGCTTAAAGACAGCTTGGATGCCTTCTGCTCCAGGGTACCTCCAACCTTTTCTCTG
 GCAGCTCCCCAACTTCACTCTTGGGGTATGGGGTGTGAAACAGCTCCAGACCCTGCCTTACTACT
 GGGCTGCCAGCCTACGGGAGCTGAAGCTGGCGTGCCTTCACTCCATAACCCAGCCCGTTCCGGTGCAGC
 TGGAGGAGCTGGTGGGTGACCTTCCACAGCTCCAGGCCTTAGTGCTATCCAGCACAGGCCTCAAGTCACT
 GTCGGCTGCTGCTTTCCAGCGCCTGCACAGTCTCCAGGCTTAGTGCTAGAATACGAGAAGGACTTGATG
 CTGCAGGACAGTCTGAGGGAGTACAGCCCTCAGATGCCCACTATATACATTCTGGAGTCAAACCTGG
 CCTGCCACTGTGCCAATGCGTGGATGGAGCCATGGGTTAAGCGGTCCACTAAAACGTACATATACATAAG
 AGACAATCGCTTATGTCCAGGACAAGACAGGCTCTCTGCTAGGGGTCCCTTCCCTCCTTTCTCTGGGAC
 CACTGCCCCCAGACGTTGGAGCTGAAACTCTTTTTGGCTAGTTCTGCCTTGGTGTTCATGCTAATTGCCT
 TGCTCTCCTCCAAGAAGCCAGGAACCTTGGATCCCCACCTGCAGGCCTTGTTCAGGGTTTGGCTCCA
 GGGTCTGAGGGGTAAGGGAGACAAGGGGAAGAGGTTCTTTTTGATGATTCTGTGCCACTGCAGGCAA
 GACCAGGCTGGGTGATAGAGGAACTTCTGCCTGCTCTGGAGGGCTTCCCTCCAGCTGGCCTGGCCTGC
 GCCTCTGTCTCCCGAGCGTGACTTTGAGCCTGGTAAGGATGTAGTTGATAATGTGGTAGATAGCATGTT
 GAGCAGCCGTACCACACTCTGCGTGTGAGTGGGCAAGCCCTGTGTAACCCCGATGCCGCTGGAGCTC
 CGTTGGCCACCTCTCTCCTCTGGCTGCCCGTCCCCTCCAGTGTGCTGCTAGTCTTCTTGAACCCA
 TTTCTCGGCACCAGCTTCCGGTTACCACAGACTGGCTCGGCTGCTTGAAGAGGAGACTACTGTCTGTG
 GCCCGAGGAAGAGGAGAGAAAGAGTGGGTTCTGGACTTGCTGAGGAGCAGGCTAGGGTAG

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_205823

Insert Size:	2721 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:	<ol style="list-style-type: none">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_205823.2 , NP_991392.1
RefSeq Size:	3174 bp
RefSeq ORF:	2721 bp
Locus ID:	384059
UniProt ID:	Q6QNU9
Cytogenetics:	4 D2.2
Gene Summary:	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. Plays a role in preventing infection of internal organs of the urogenital system.[UniProtKB/Swiss-Prot Function]