

Product datasheet for **RR212540**

Tlr2 (NM_198769) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tlr2 (NM_198769) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tlr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR212540 representing NM_198769
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCAAGCTCTTTGGCTCTTCTGGATCTTGATGGCTGTGATAGGCCTCTCAAGGAAGGCCATTCTG
 CCCAGGCATCTCTGTGATGTGCTGCTGGTGTGTGATGGCAGCTCCAGGTCTTCCACTCTATTCC
 CTCGGGACTCACAGCAAACACAAAGAAGCTTGACCTGTCTTCAACAAGATCACCTACATTGGCCATGGT
 GACTTGGCAGCCTGTGTGAACCTCCGGTTCTGACATTGGAGTCCAGCGGAATCAACACAATAGAGGGAG
 ATGCCCTTTATTCTCTGGGCAGTCTTGAACACTTGGACTTGTCTAATAATCACCTATCTAGTTTATCTTC
 CTCCTGGTTCAGGCCCTTCTCTTTGAAATACTTAACTTAATGGGAAATCCTTACAGGACACTGGGG
 GAAACATCACTGTTCTCCAATCTCACAAATTTACAAACCCTTAGGGTAGGAAATGTTGACACTTTCAGTG
 AGATAAGGAGAATAGATTTTGTGGGCTGACCTCTCTCAACGAACTTGAATTCAGGATTAAGTCTCGG
 CAACTATGAGTCCGAAGTCTACAGTCAATTAGAGACATCTATCACCTGACCCTGCACTTGAGCGAGTCT
 GCTTTCCTGCTGGGGATTTTGCAGATATTCTGAGTTCGGTGAGATATTTAGAATAAGAGATACTAACT
 TGGCTAGGTTCCAATTTCTGAACTGTCTGTAGACGAAATCAATTCGCCAATGAAGAAGCTGGCATTCCG
 GAATGCAGATCTCACGATAAAAGTTTTAATGAACTCCTGAAGCTGTTGCGTTACATCTTGGAACTGATG
 GAGGTGGAGTTTGTACTGCACCCTCAATGGGGTTGGTAATTTCAACCCTCAGAGTCAGACGTAGTGA
 GGGAGCTAGGTAAGTAGAAACGGTAACAATACGGAGCCTGCACATCCCCAGTTCTATTTGTTCTATGA
 TCTGAGCACTGTGATTTCCCTCCTGGAGAAAGTGAAGCGAATCACAGTAGAGAACAGTAAGGCTTTCTG
 GTTCCCTGCTCTTTCTCACAGCATTTAAATCATTAGAGTCTTAGACCTCAGCGAAAATCTGATGGTTG
 AAGAGATTTGAAAACTCAGCCTGTGAGGGTGGCTGGCCTTCTCTACAAAGCTTGGTTTTGAGTCAGAA
 TCAATTTGAGATCAATACGAAAAACTGCTGAGATTTTGTGACTCTGAAAACTGACAGCCCTTGACATC
 AGCAAGAACAGTTTTTCCAGCTATGCCCGACAGTTGTGAGTGGCCAGGAAAGATGCGCTTCTGAACTTGT
 CCAGTACAGGGATACAGGCCGTCAAGACATGCATTCTCAGACCCTGGAGGTGTTGGATGTTAGTAACAA
 CAATCTCGATTCATTTTCTTTGTTTTGCTCGGCTCCAAGAGCTGTATTTCCAGAAATAAACTGAAG
 ACACTCCAGAAGCTTCAATGTTCCCTGTGTTACAGGTCATGAAGATCAGAGAGAACGCAATAAGTACTT
 TCTCTAAAGACCAGCTTGGTTCTTTCCAAACTGGAGACTCTGGAAGCAGGTGACAACCATTTTCATCTG
 CTCCTGTGAACTCCTGCTTTCATTCTGGAGAGGCCAGCCCTGGTCCATGCTCTGGTTGACTGGCCAGAC
 AGCTACCTGTGTGATTCTCCGCCTGCCTGCATGGCCAGAGGCTTCAGGATGCCCGGCCCTCAGTCTTGG
 AGTGTACCAGGCCGCACTGGTCTCTGGAGTCTGCTGTGCCCTTCTCCTGTTGATCCTGCTTTAGGCGC
 CCTGTGTTACCATTTCCATGGGCTGTGGTATCTGAGAATGATGTGGGCGTGGCTCCGGGCCAAGAGGAAG
 CCCAAGAAAGCTCCTTGCAGGGACCTTGTCTATGATGCCTTTGTTTCTCAGCGAGCAGGATTCCTATT
 GGGTGGAGAACCTCATGGTCCAGCAGCTGGAGAATCTGACCCACCCTTCAAGCTGTGCTCCACAAGCG
 GGACTTTGTTCCGGGCAATGGATCATTGACAACATCATTGATTCATCGAAAAGAGCCACAAAATGTG
 TTCGTGCTTTCTGAGAACTTCGTACGCAGTGTGGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
 TCTTTGACGAGAACAAATGACGCGCCATCCTTGTGTTGCTGGAACCCATTGAGAAGAAAGCCATTCCTCA
 GCGCTTCTGCAAACCTGCGCAAGATAATGAACACTAAGACATACCTGGAGTGGCCCTTGGATGAAGGCCAG
 CGGGAAGTGTGTTTGGGCAATCTGAGAACTGCAATAAAATCCCGGGAAGTGTGTTTGGGCAATCTGAGAA
 CTGCAATAAAATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR212540 representing NM_198769
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MLQALWLFWILMAVIGLSREGHSAQASLSCDAAGVCDGSSRSFTSIPSGLTANTKKLDLSFNKITYIGHG
DLRACVNLRVLTLESSGINTIEGDAFYSLGSLEHLDLNNHLSLSSSWFRPLSSLKYLNLMGNPYRTL
ETSLFSLNLTNLQTLRVGNVDTFSEIRRIDFAGL TSLNELEIQVLSLGNYESRSLQSI RDIYHLTLHLS
AFLLGIFADILSSVRYLELRDTNLARFQFSELSVDEINSPMKLAFRNADLTDKSFNELLKLLRYILELM
EVEFDHCTLNGVGNFNPSESDVVRELKGVETVTIRSLHIPQFYLYDLSTVYSSLLEKVKRITVENS
KVFLVPCSFSQLKLSLEFLDLSENLMVEEYLNKNSACEGGWPSLQSLVLSQNHLSRIRKTAEILLTLKNL
TALDISKNSFQMPDSCQWPGKMRFLNLSSTGIQAVKTCIPQTLEVL DVSNLNLD SFLFLPRLQELYIS
RNKLLTPEASLFPVLQVMKIRENAISTFSKDQLGSFPKLETLEAGDNHFICSCCELLSFILERPALVH
VLDWPD SYLCDSPPRLHGQRLQDARPSVLECHQAALVSGVCCALLLLILLGALCYHFHGLWYLRMM
WAWLRAKRKPKKAPCRDLCYDAFVSYSYEQDSYWVENLMVQQLENS DPPPFLCLHKRDFVPGKWI
IDNIIDSIEKSHKTVFVLSENFVRSEWCKYELDFSHFRLFDENNDAAILVLEPIEKKAIPQRFCKLR
KIMNTKTYLEWPLDEGQREVFWANLR TAIKSREVFWANLR TAIKS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1238_g07.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



ACCN: NM_198769

ORF Size: 2352 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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 Size: 2614 bp

RefSeq ORF: 2355 bp

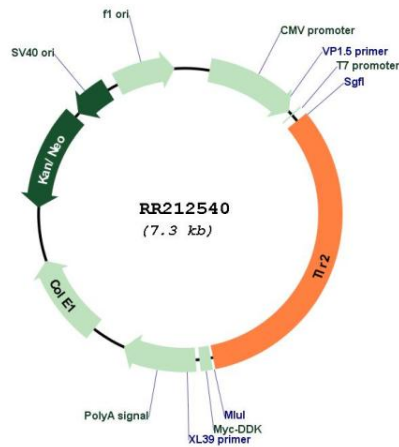
Locus ID: 310553

Cytogenetics: 2q34

MW: 89.4 kDa

Gene Summary: receptor for whom the bell...; involved in the response to bacteria and injury [RGD, Feb 2006]

Product images:



Circular map for RR212540