

Product datasheet for **RR215075**

Tlr6 (NM_207604) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide
Sequence:

>RR215075 representing NM_207604
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAAATCCCTCTGGGATAGCCTCTGCAACATGTCCCAAGACAGAGAACCATCGTGGAGAGTTCC
 ATTTTGTTCACCCCTGGCCTTAATAGTCGGAAGCATGACCCAGTTCTCTGATGAACTTGAGTCTGTAGT
 AGACTATTCAAACAAGAACCTTACTCATGTCCAAAAGACCTGTCAACAAGCACAAAATCCTTGAGTCTG
 TCTCAAACCTCCATATCTGATCTTCAGATGTCTGATATCAGCTTTCTGTGAGAGCTGAGAGTTCTGAGAC
 TCTCCACAACAGAATACGGAGACTTGACTTTGGTGTGTTCTTGCTCAATCGGGACTTAGAATACCTGGA
 TGTCTCTACAATCAGTTACAAAACATCTCTTGCTGTCCATGGTGAACCTGAAACATCTAGACCTCTCA
 TTCAATGATTTTGAAGTGTGCCCGTGTATAAGGAATTTGGCAACTTGAGGAAGCTGAGTTTCTGGGAT
 TAAGTGTGCAAAGTCCGACAACCTGGATCTGCTCCCAATTTCTCACTTGCACCTGAGCTGTGTTCTTCT
 GGACTTGGTGAATTATCAGATAAAAGATGGTGAACAGAAAGTCTCAGGTTCCAATACCAACGTTCTC
 CATTTGGTCTTTCATCCGAATAGCTGTCTCTGTGCAAGTGAACATATCTGTAATGCTTTAGGATGCT
 TACAACCTGAGTAATATTAATGAATGATGAAAACCTGTCAAAGCTTAATTATTTTTATCAGAACCTCAC
 CAGAGGTCCAACCTTATTGAATCTGACCCCTCCAGCACATAGAAACAACTGGAAGTGCTTTGTTAGACTT
 TTACAATTCCTTTGGCCAGACCTGTGGAGTATCTCAATTTTACAACCTAACGATAACTGAGAGCATAA
 GCAGGGAGACATTTATTTACGTGGAGACAGTGTGAAGTCACTGAAGATAGAGCATGTCAAAAACCAAGT
 GTTCTCTTTGTGAAGGATGCACTATATTTGTGTTTGCAGAAATGAACATCAGGATGCTCACACTGTCA
 GACACGCCATTCACATGGTGTGCCCTGAGTCCCAAGCACATTTGCATTTCTGAACCTTACCAGAA
 ACGTTTTTACTGACAGCATTTTTCAAGGCTGTTCCACCTTGAAGAGACTGGAGACACTTATCTTGCAAAG
 GAATGGTTTTAAAGAACCTTTTTAAGGTAGCTCTCATGACCAAGACTATGTCCTCTCTGGAACATTGGAT
 GTCAGTTTGAATTCCTTGAACCTCATGTGTATGACAGAACATGTGCTTGGGCCGAGAGCATACGGGTGT
 TGAATTTGTCTTGAATGTACTTTTCGGACTCTGTCTTTCAGGTGCTTACCTCCCAAGGTCAAGGCTCTTGA
 CCTTACAACAACAGGATAGTGAGCATCCCTAAAGATGTCACCCACCTGCAAGCTTTGCAGGAACCTCAAT
 GTCGCATCCAATTTTTAACTGACCTTCTGGATGTGGAGCCTTCAGTAGCCTTTCTGTGCTGGTCATCG
 ACCATAACTCAGTTTCCACCCCTCCTCTGATTTCTTCCAGAGCTGTGAGAAATCAGGTCCATAACAGC
 GGGGAACAACCCATTCGATGCACATGTGAGCTGAGGGAGTTTGTCAAAAACATAGGTGAGGCATCAAGA
 GAAGTGGTGGAGGCTGGCCTGACTCTTACAGATGTGATTACCCAGACAGCATTAAAGGGAACCCACTGC
 AGGACTTCCACATGTCTCCACTGTCTGCGATACAATTCTACTGACTGTCAACATTGGGGCCACTCTGCT
 GCTACTGGCTGCCATTGGGGCTTCCCTCTGTCTACTTTGATCTGCCCTGGTATCTCAGGATGCTATGG
 CAGTGGACACAGACCAGGCACAGGGCCAGGAACATCCCCTTAGAGGAACTGCAGAGGAACCTCCAGTTCC
 ATGCTTTTGTCTCATACAGTGAAGTATCTGCTGGGTGAAGAATGAATTAACCAACCTAGAGAA
 AGATGACATTCGGGTTTGCCTCCATGAGAGAACTTTGTCCCTGGCAAGAGCATTGTGGAGAACATCATA
 CACTTCATTGAGAAGAGTTACAAGTCCATCTTTGTGCTGTCTCCCACTTCATCCAGAGTGAAGTGGTCC
 ATTAATGAACTCTACTTTGCCATCACAATCTTCCACGAAGGTCTGATAACTTAATCCTGATCTTGTCT
 GGAACCCATCCAACAGAACAACATTCACAGTAGATACCACAAGCTGAGGGCTCTCATGGCACAGCGGACT
 TACTTGAATGGCCTATTGAGAAGGTAACGTGGGCTGTTTTGGCCAACCTTAGAGCTTCTTTTATTA
 TGAAGCTAGCCTTAGTTAATGAGAATGATGTGAAAACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215075 representing NM_207604
 Red=Cloning site Green=Tags(s)

MVKS L WDSL CNMSQDREPIVESFHFVCTLALIVGSMTQFSDELESVVDYSNKNLTHVPKDLSPSTKSLSL
 SQNSISDLQMSDISFLSELRLVRLSHNRIRRLDFGVFLNRDLEYLDVSHNQLQNI SCCPMVNLKHL DLS
 FNDFEVLPVYKEFGNLRKLSFLGL SAAKFRQLDLLPI SHLHLSCVLLDLVNYQIKDGETESLQVPNTNVL
 HLVFHPNSLFSVQVNI SVNALGCLQLSNIKLN DENCQSLIIFLSELTRGPTLLNLTLQHIETNWKCFVRL
 LQFLWPRPVEYLNINLTITESISRETFIYVETVLKSLKIEHVTNQVFLFVKDALYSVFAEMNIRMLTSL
 DTPFIHMVCFEPSTFAFLNFTQNVFTDSIFQGCSTLKRELETLILQRNGLK NLFKVALMTKTMSLETLD
 VSLNSLNSHVYDRTCAWAESIRVLNLSNVLSDSVFRCLPPKVKVLDLHNNRIVSIPKDVTHLQALQELN
 VASNFLTDLPGCGAFSSLSVLVIDHNSVSHPSDFQSCQNI RSITAGNPNFRCTCELREFVKNIGQASR
 EVVEGWPSYRCDYPDSIKGTPLQDFHMSPLSCDTILLTVTIGATLLLLAAIGASLCLYFDLPWYLRMLW
 QWTQTRHRARNIPLEELQRNLQFHAFVSYSEHDSAWKNELLPNLEKDDIRVCLHERNFVPGKSIVENII
 HFIEKSYKSIFVLSPHFIQSEWCHYELYFAHNL FHEGSDNLILILLEPIQONNIPSR YHKLRALMAQRT
 YLEWPIEKGRGLFWANLRASFIMKLALVNENDVKT

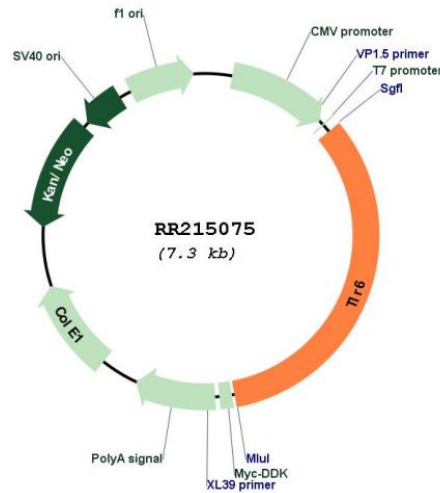
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfi-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_207604

ORF Size: 2418 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: [NM_207604.1](#), [NP_997487.1](#)

RefSeq Size: 2820 bp

RefSeq ORF: 2421 bp

Locus ID: 305353

Cytogenetics: 14p11

MW: 92.6 kDa

Gene Summary: 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]