

## Product datasheet for **RR217213**

### Tlr1 (NM\_001172120) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tlr1 (NM_001172120) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tlr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>RR217213 representing NM\_001172120  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACTAAAACACAGTCCACCATCTTCTATTGTATTGTTGTCTTAGGGCTGATACTTATCAAATCCAGT  
 TATCTGAGGAAAGTGAGTTGATCATTAAAGAGGCCAAATGCAAACCTTACCAGAGTGCCCAAGGACCTACC  
 CTTGCAAACAACACTTTAGATGTATCAGAAAACAATATATCTGAGCTTCAGACTTCTGACATACTCTTG  
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 CGACCTCAAACATTTAGACCTCTCTTTAATGCATTTGATGCCCTGCCCATATGCAAAGAGTTTGCCAAC  
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 TTTTGGGCAAATCTAAGAGCATCCATTAATGTTAAGCTGGTCAACCAGGCAGAAGCAACATGTTACACAC  
 AGCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR217213 representing NM\_001172120  
Red=Cloning site Green=Tags(s)

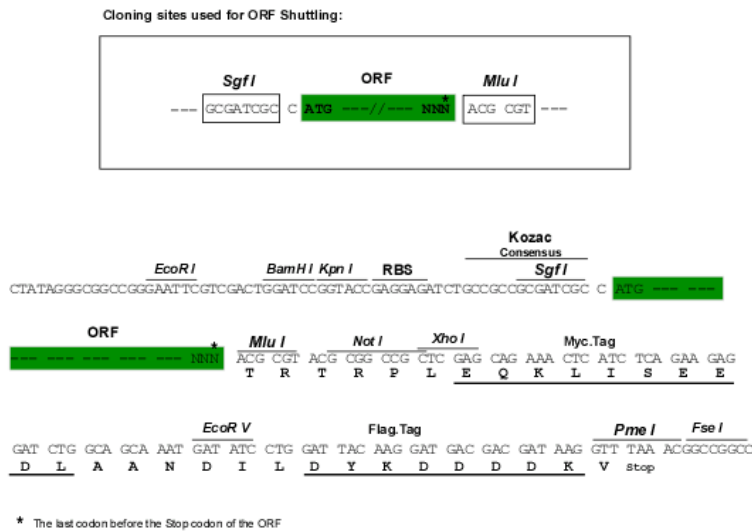
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MTKTQSTIFYCIVVLGLILIKIQLSESEELIKRPNANL TRVPKDLPLQTTTLDVSNQNISELQTS DILL
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LSQLQLGLSGSQIQNSSVQLIAHLNISKVLLVLGDTYGEKEDPKCLQHI STETLHIVFP SKREFHFLLD
MSVSTAISLELSNIKCVLEDKNC SYFLGTLERLRKTQRLSNLTLNNVDTTWNSFINILQLVWHTPVKSF S
ISNVKLGKGFNFRRFHYSDSL RALSIHQVVDVFSFPQSN IYSIFSNMNIQSFTVSGTRMVHMLCPDQI
SPFLYLDFTDNL LTDIVFEDCRNLIRLKTLSLQKNQLKTLENIILMSMEMTSLQKLDISQNSLRYS DAGS
PCSWTQSL LVLNLSSNMLTDSVFRCLPPKVKVL DLHNNRIVSISKDVTHLQALQELNVA SNFLTDLPGCG
AFSSLV LVIDHNSVSHPSDFQSCQNI RSITAGNPNFRCTCELREFVKNIGQASREVVEGW PDSYRCD
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LEELQRNLQFHAFVSYS GHDSA WKNELLPNLEKDDIRVCLHERNFVPGK SIVENI IHFIEKSYK SIFVL
SPHF IQSEWCHYEL YFAHNL FHEGSDNLILILLEPI PQYSIPTNYHKLK TLMARRTYLEWPTEKSKHGL
FWANLRASINVKLVNQA EATCYTQQ
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001172120

**ORF Size:** 2385 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\\_001172120.2](#), [NP\\_001165591.1](#)

**RefSeq Size:** 2565 bp

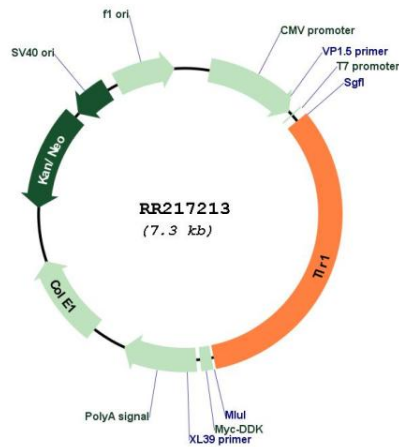
**RefSeq ORF:** 2388 bp

**Locus ID:** 305354

**Cytogenetics:** 14p11

**MW:** 91.1 kDa

**Product images:**



Circular map for RR217213