

## Product datasheet for SC202772

### TLR1 (NM\_003263) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** TLR1 (NM\_003263) Human 3' UTR Clone  
**Symbol:** TLR1  
**Synonyms:** CD281; rsc786; TIL; TIL. LPRS5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_003263  
**Insert Size:** 246 bp  
**Insert Sequence:** >SC202772 3'UTR clone of NM\_003263  
 The sequence shown below is from the reference sequence of NM\_003263. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATTAAGCTGACAGAGCAAGCAAGAAAATTACACATCAAGTGAAAAATATTCCTCCTGTTGATATT
GCTGCTTTTGAAGTTCCAACAATGACTTTATTTTGCATCAGCATAGATGTAAACACAATTGTGAGTGT
ATGATGTAGGTAAAAATATATACCTTCGGGTCGCAGTTCACCATTATATGTGGTATTAATAATG
AAATGATATAACTTTGATTTAAACAGTTCTGACACATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).  
**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.  
**RefSeq:** [NM\\_003263.4](#)


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**Summary:**

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is ubiquitously expressed, and at higher levels than other TLR genes. Different length transcripts presumably resulting from use of alternative polyadenylation site, and/or from alternative splicing, have been noted for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

7096

**MW:**

9.6