

## 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
Vector:	pMirTarget (PS100062)
Symbol:	TLR1
Synonyms:	CD281; rsc786; TIL; TIL. LPRS5
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  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATTAAGCTGACAGAGCAAGCAAAGAAAATAGATTACACATCAAGTGAAAAATATTCCTCTGTGATATT GCTGCTTTTGGAAAGTTCCAACAATGACTTTATTTTGCATCAGCATAGATGTAACACAATTGTGAGTGT ATGATGTAGGTAAAAATATATACCTTCGGGTCGCAGTTCACCATTATATGTGGTATTAATAAATTAATG AAATGATATAACTTTGATTTAAACAGTTCTGACACATAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<a href="#">NM_003263.4</a>



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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