

Product datasheet for **SC201161**

TLR9 (NM_017442) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TLR9 (NM_017442) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TLR9
Synonyms:	CD289
ACCN:	NM_017442
Insert Size:	167 bp
Insert Sequence:	>SC201161 3'UTR clone of NM_017442 The sequence shown below is from the reference sequence of NM_017442. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC AACTTCTGCCAGGGACCCACGGCCGAAT AG CCGTGAGCCGGAATCCTGCACGGTGCCACCTCCACACTC ACCTCACCTCTGCCTGCCTGGTCTGACCTCCCTGCTCGCTCCCTCACCCACACCTGACACAGAG AGGCACTCAATAAATGCTACCGAAGGCTA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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_017442.4



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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. Studies in mice and human indicate that this receptor mediates cellular response to unmethylated CpG dinucleotides in bacterial DNA to mount an innate immune response. [provided by RefSeq, Aug 2017]

Locus ID:

54106

MW:

5.7