

Product datasheet for **SC212140**

TLR5 (NM_003268) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: TLR5 (NM_003268) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TLR5
Synonyms: MELIOS; SLE1; SLEB1; TIL3
ACCN: NM_003268
Insert Size: 1081 bp
Insert Sequence: >SC212140 3'UTR clone of NM_003268
The sequence shown below is from the reference sequence of NM_003268. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGTTGCCAACTGTAGCAACCATCTCCATCAAAGGAGCAATTTCCAATTATCTCAAGCCACAAATA
ACTCTTCACTTTGTATTTGCACCAAGTTATCATTTTGGGGTCTCTCTGGAGGTTTTTTTTTTCTTTTT
GCTACTATGAAAACAACATAAATCTCTCAATTTTCGTATCAACACCATGTTCTGTCTCACTAACCTCCA
AATGAAAATAATAGATCTAGAAAATTGCAACTGCCCTTAGAGGTTTCCAGTCTCCATTGATTTTCTTT
CAGATCCAATAATACCGTTCTGTCTGTGTTGATTATGGAATGTATCCTAATCATGGGAAGGGCAC
CTTGGGAGAAGTTGCAGATGGCTGACGTGCTTTCTCTAGCATTACGTAATAAATGGGATGGTCCATGA
TTCTGCGTTCTGTGTTCTGCAAAAACAACATTAAGTAGAAAACAACAGAAGCAGAGGCACATTTCTT
TCTTTTGGCCACAGAAAACAATGCCACTGTTGAGTGCAAGTCACACTTTGTCTCATAGATAAGAGGTGGCC
CCAAAGAAGCTGGGATGAATGAGTCACTACCTGTCTTGTGACTGTACTGCACTTCATGTTCTTACCTTC
GGCTTCTCCAGGCTCTCGCCTAGTGAGCCAAGAAGTTTCTCTCACATGCTGCCTTTATTTAAGCCTGGC
CTTCAAGACCTTCCATGATTTATCACCAACCTACCTTTTCAGCTTTGTTTCTAGCACACCTCATTGAT
CAGCTGCTCAGGCTGTTGCATGAAGAACATGGACTTTGCACACAGATCCTGGGTTGAGTTCTGAGTCAG
CTGTGTATTAGCCATGTAACTTGGCCTTGGTATGCCCTTGTCTGGACCTACATTTTCTCACGTAACAGC
ATCTATGTCATAGAATTCCTGTGAAAATTAATTTGGCCAAGGATGTCAGGGCTTCTCAGATCTTTTCTT
TCGTTGCCCTAATGACCACAAGAGAACACATACACTGAAGGCCTCCTGGGGGCGAGTTGCAATTTCACT
GAAGTTGTATTTTTTATCTTAAATGAAATCTATGTGATTTTCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_003268.6</u>
Summary:	This gene encodes a member of the toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immune responses. These receptors recognize distinct pathogen-associated molecular patterns that are expressed on infectious agents. The protein encoded by this gene recognizes bacterial flagellin, the principal component of bacterial flagella and a virulence factor. The activation of this receptor mobilizes the nuclear factor NF-kappaB, which in turn activates a host of inflammatory-related target genes. Mutations in this gene have been associated with both resistance and susceptibility to systemic lupus erythematosus, and susceptibility to Legionnaire disease. [provided by RefSeq, Dec 2009]
Locus ID:	7100
MW:	41.1