

## Product datasheet for **SC107526**

### TICAM2 (NM\_021649) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TICAM2 (NM_021649) Human Untagged Clone
Tag:	Tag Free
Symbol:	TICAM2
Synonyms:	MyD88-4; TICAM-2; TIRAP3; TIRP; TRAM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM\_021649 edited  
GAAGCCGAGCAGAGGATCTAAATACAAGAGTGGCCTATTGATTGAAAAGAAATGCTGAGA  
AATACATAAAGTTTTCTCTTCTGCCTTGGATATTTATAATGGGTATCGGGAAGTCTAAA  
ATAAATTCCTGCCCTCTTCTCTCTCTTGGGGTAAAAGGCACAGTGTGGATACAAGTCCA  
GGATATCATGAGTCAGATTCCAAGAACTGAAGATCTATCCTTGTGAATGTTGCTGAG  
CACAGCAATACAACAGAGGGGCCAACAGGAAAGCAGGAGGGAGCTCAGAGCGTGAAGAG  
ATGTTTGAAGAAGAAGCTGAAGAAGAGGTGTTCTCAAATTTGTGATATTGCATGCAGAA  
GATGACACAGATGAAGCCCTCAGAGTCCAGAATCTGCTACAAGATGACTTTGGTATCAA  
CCCGGAATAATCTTTGCTGAGATGCCATGTGGCAGACAGCATTTACAGAATTTAGATGAT  
GCTGTAATGGGCTGCATGGACAATCTTATTACTGACTGAAAACTTTTAAGAGATACT  
TGGTGTAATTTCCAGTTCTATACGTCCCTAATGAACTCCGTTAACAGGCAGCATAAATAC  
AACTCTGTATACCCATGCGGCCCTGAACAATCCCCTTCCCGAGAAAGGACTCCCTTT  
GCCCTCCAAACCAATCAATGCCTTAGAGGAAGAAAGTCGTGGATTTCTACACAAGTAGAA  
AGAATTTTTCAGGAGTCTGTGTATAAGACACAACAACTATATGGAAAGAGACAAGAAAT  
ATGGTACAAGACAATTTATTGCCTGAGATGAAACATATAACATGTGGCTGGCTCTTGT  
TTGTAACCAATGATTAATCTTCACTTGAGAAAGCAGTTTCTAGGAAATGTTTAAATAA  
AAGAGAG



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_021649 unedited</p> <pre> CCCCCCCCCCCCCCCCNNNNNCCGTTTCGCGATTTGNATACGACTCATATAG GCGGCCGCGAAATTCGCACGAGGCTTCAGCAATGAATTTTCTACTTTACACATAAACT GTATATTTGATTTTCAAGTTGGAGAAGACCCACCTTTGTTTCTAGTGAGAACCGAGTC AGTGCTCTTACCCAGATGGAATCTGCCTGTGTTTCAATTCACGAAGCTCTGAAGTCTGTC ATCGATTATCAGACTCATTTCGGTTTAAAGAGAAGCTCAAGGCCGAAGCCGAGCAGAGGAT CTAAATACAAGAGTGGCCTATTGATTGAAAAGAAATGCTGAGAAATACATAAAGTTTTCC TCTTCTGCCTTGATATTATAATGGGTATCGGGAAGTCTAAAATAAATCCTGCCTCT TTCTCTCTCTGGGGTAAAAGGCACAGTGTGGATACAAGTCCAGGATATCATGAGTCAGA TTCCAAGAAGTCTGAAGATCTATCCTTGTGAATGTTGCTGAGCACAGCAATACAACAGA GGGGCCACAGGAAAGCAGGAGGAGCTCAGAGCGTGAAGAGATGTTTGAAGAAGAAGC TGAAGAAGAGGTGTTCTCAAATTTGTGATATTGCATGCAGAAGATGACACAGATGAAGC CCTCAGAGTCCAGAATCTGCTACAAGATGACTTTGGTATCAAACCCGAATAATCTTTGC TGAGATGCCATGTGGCAGACAGCATTACAGAATTTAGATGATGCTGTAATGGGTCTGC ATGGNNACATCTATTACTGACTGAACTTTTTTAGAGATACTTGGTGTAAATCCAGTTC TATACGTCCTTATGAACCCGNTNACANGCAGCATAAATAACAATTTGTTTATACCCAT GCNGCCCCNTGACAATCCCTTTCCCGAGAAAGGACTNCTTTNGCCCTNCAACCATCAAT GCCTTANAGGAGAAAGTCGGGNATTTTCTACCCAGTAAANGNATTTTTCAGGATCTGGGTA TAGAAC </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_021649 unedited</p> <pre> NAAAGGTTAGACTATGNACCGCGGCACGCAATCTANAGTTTTTTTTTTTTTTTTAAAG ATAAAAACATTTATTTTAAAAATACCATTTAGCATCAATTGCCCAAGTTTGGCAGGCAT GAAGAGTGGGCAGTTCATGTTTTATTAGTATATAAAATGGCTTTACAGGAAGCATTATG GCAAAAAAATGAATACTTATTATGAAAACCTGAAAAGAGAAGTGAGTAGTAAGCTACTAT CAGAACGTTAAGGCTAAGAAAATGCTCACTATGCAATGAAAACCATCTCCTCCTAATAA GTACTAACAGAATAGGAGGCTTGACTTACTTGCATGCTCCTCATAGAACGTTTTGGTTCA TGGCTATGAAGAGGTAAGTCAAAAAGATGTGTGCAGATCCCGGTAAGTGGTAGGGGATAT ACAAGTGGGGAATAAGAAAAAGAAATTAAGCAAAATGTCTTTACTCAAGGATCTCTATA AAAATTTATTTTAAAGAAAGCCTGAGTAAGCATGTATATTTTTTCTGTGACTTTAAGT GTAATGACAGCATTAAAAATAAATTTGCTGTCAATATACAAAAAATATCTTTTCATTAT AAGCATATATAAAGCCTTCTGCAACTATTACATACACTTTATCGAATCCAAACTTTTTT GCTTGTTCCCTTTTGTGGTCCCTAGTTTTTACATCCTCATAGAGGACAAAAGCCTTTAG AGATCCATCAATTC AACCTTTT CATTTCACAGATAAAGGGAGGTAATAGTTTGCCACA GTTACATTCATCCTCAGTGGCAGAAATGGGACTAGAACCAGTCTCATGATCCCCGAGAG GGCTTTTCTCATTACATGACATGC </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_021649
<b>Insert Size:</b>	3000 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_021649.3</a> , <a href="#">NP_067681.1</a>
<b>RefSeq Size:</b>	3453 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	353376
<b>UniProt ID:</b>	<a href="#">Q86XR7</a>
<b>Cytogenetics:</b>	5q22.3
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Toll-like receptor signaling pathway
<b>Gene Summary:</b>	TIRP is a Toll/interleukin-1 receptor (IL1R; MIM 147810) (TIR) domain-containing adaptor protein involved in Toll receptor signaling (see TLR4; MIM 603030).[supplied by OMIM, Apr 2004]