

Product datasheet for **MC205748**

Sigirr (NM_023059) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sigirr (NM_023059) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sigirr
Synonyms: AI256711; TIR8
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010806
 CTACAGAAAGGAGCCCTTCTCAGCCTGCAGTGGACCCCATCTGCTCGGTTAAGGAGCCACGGCGGTGCCA
 GGGAGGGAAACCAGCGTTTGGCCTGCCGTGAAGAGGTCCCAGAAGAGCCATGGCAGGTGTCTGTGACATG
 GCCCCTAATTTCCCTTTCCCATCTGAAGACCAGGCCTTGGGTCTTGCCCTTGGCAGAGAAGTTGCTTTGA
 ATTGCACAGCTTGGGTGTTCTCTAGGCCCAAGTGTCCCAAGCCATCAGTGCAGTGGCTGAAAAGATGGTCT
 GGCATTGGGCAATGGAAGCCACTTCAAGCCTCCATGAGGACTTCTGGGTGACGCGCCAACTTCTCAGAGATT
 GTGTCCAGTGTCTGGTGTCAACTTGACCAATGCAGAGGACTATGGAACCTTCACTGTCTGTCTGGA
 ATGTCAGTCCCATTCTTCACTCTTGGCGAGCTGGCCCTGCTGGCCATGTGGCTGCAGTACTGGCTTC
 CCTCTGGTCTGGTGGTCTGTGCTGGTGGCCCTGCTCTATGTTAAGTGTGGCTGAACATGCTGCTT
 TGGTACCAAGACACTTACGGGGAGGTGGAGATGAACGATGGGAAGTTATACGATGCCTACGTGTCCTATA
 GCGACTGCCAGAGGACCGCAAATTTGTAATTTTATTCTGAAGCCTCAGTTGGAGCGGCGTCCGGGATA
 CAAACTCTTCTAGAGGACCGCGACCTCTTGCCTCGCGCGGAGCCCTCTGCCGACCTTTTGGTGAACCTG
 AGTCGCTGTCCGGCTCTCATCGTGGTCTTTCAGATGCCTTCTAAGCCGGCCCTGGTGTAGCCAGAGCT
 TCCGGGAGGGACTGTGCCGCTACTGGAGCTCACCCGACAGCCTATCTTATCACCTTTGAGGGCCAGAG
 GCGTGAGCCCATACACCTGTCTCCGGCTCTGCGCCAGCACCACCCTCGTGACCCTGGTGTCTTTGG
 AAGCCTGGCTCCGTGACTCCTTCTCTGATTTTTGGAAAGAGCTACAGCTAGCACTGCCACGGAAGGTGC
 AGTACAGGCCGGTGGAGGGAGACCCTCAAACCCGACTTCCAGATGACAAAGATCCCATGCTAATCGTGAG
 AGGACGTGCTGCCAGGGCCGGGCATGGAGTCAAGCTGGATCCAGACCCTGAGGGAGACCTGGGTGTC
 CGTGGACCTGTCTTTGGGAGCCACCAACTCCACTGCAGGAAACCAGGATCTGCATAGGAGAGAGCCACG
 GCAGTGAATGGATGTCTCTGACCTCGGCTCTCGAAACTACAGTGCACGGACAGACTTCTACTGCCTCGT
 GTCTGAGGATGATGTGTAGCCATATCCAGCAGCCAGACCATGAGATCACGGTGGCAGCTTCCAGGGT
 AGAGGCAGCAGGCACTCCTTCTAGGATCACAACCCTTGCTCTATCCCTGGGCCCTCAGGAAAGGAGT
 GTGGCCCCAGGGTGTACAAAAATAAAATCCTGTTGGTTCCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_023059
Insert Size:	1230 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC010806 , AAH10806
RefSeq Size:	1568 bp
RefSeq ORF:	1230 bp
Locus ID:	24058
UniProt ID:	Q9JLZ8
Cytogenetics:	7 F5
Gene Summary:	Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the heterodimerization of IL1R1 and IL1RAP (By similarity).[UniProtKB/Swiss-Prot Function]