

Product datasheet for **MC229169**

Nlrp9a (NM_001302792) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp9a (NM_001302792) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp9a
Synonyms:	D7Ertd565e; Nalp-theta; Nalp9a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC229169 representing NM_001302792
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATAAACAACTAAATACAAAGAGTTTATGAAGAATACATTTTCAGCACATATGGACAATGGAGACCA
 ACCTTATATACCTGATAGAAGCTACCAGAAATTTATAGAAGTCCAGTACAGAGCATTGCAGGACATATT
 TGATTGTGAGTCAGAGCCAGTCACTGTAGTTGTATCAGGTTCTAGAGGAGGAGGTAATACTTTCTTA
 AGAAAAGCAATGTTGGATTGGGCATCAAGAAATTTACTGCAGAACCGATTCAATATGTTTTCTACTTCT
 CCGTCTTCTCACTTAACAATATCACAGAGTTAAGCTTAGCTGAGCTTATCTCAAGTACGTTGCCTGAATC
 TTCAGAGACAGTGGATGATTTTTATCTGATCCAAAAAGAATCTGTTTTATCCTGGATGGATTTGATTAC
 CTGAAATTTGACTTGGAACTCAGGACAAACCTGTGCAATGACTGGAGGAAGAAGTCCCAATACAAATTG
 TCTTGAGTAGTTTGTACAGAAAATAATGCTCCAGAATGTTCTCTGCTCCTGAATTGGGAAATGCAAG
 TCTTTCAAACATTATTCCTTTGCTGCAATATCCAAGGGAGATAATTATGTCAGGATCTCTGAACAACT
 ATAGAAATCTACTGTGTGCTTTCTTTAATACCCAGACAGGTGTAGAAATCTTTAAGAATTTAAAGAGCA
 TTAACCATTGTTCAATTTATGCCGCTGTCTCATCTATGCTGGATGATCTGTAGTACTATAAAGTGGCA
 GTATGAGAGGAGAGAGGTAGCAAGTCGTTTTGGTGAACATTAGGACTCCTCTACACAATATTTATGGTT
 AGCGCATTTAAATCAACATATGCCAGGAATCCATCTAACAGAACAGGGCCCGTATAAGGACCCTATGCA
 CCTTGGCTGTAGAGGGAATGTGGAAACAGGTATATGTGTTGACTCTGATGACCTCAGGAGGAATGGGAT
 ATCTGAATCAGATAAGAAAGTGTGGCTGAGAATGAAATTTCTCCAGAATCAAGGTAGCAACATTGTATTT
 TATCATTCTACACTACAGTGGTACTTTGCTGTGCTGTTCTATTTTCTCCAATAACAAGACACACGTCACC
 CAGTTATTGGAAACCTCGTCAACTCCTAGGAGAAATCTATGCTCATAAACAGAACCAATGGTTCCACAC
 ACGGATATTATTGTTGGAAATGGCCACTGAGCAAGTTAACTCCTTGCTTGAACCATGCTTTGGCTGTATA
 TCATCCAAGGAGGTAAGACAGGAAATCATCAGATACATCAAAAGTCTCAGTCAACAAGAATGCAATGAAA
 AACTGGTGGTGCATCCCCAGAATTTGTTTTCTGTATACTTGACAACCAGGAGGAAAGATTTGTAAGACA
 ATTGATGGATCGATTTGAAGAAATGACTGTTGATATTAGTGATGTTGATGATATGTCAGCAACTCCATAT
 TGTCTGCATAGAGCCCCAAAAGTAAAAACCTTACCTGCATATACAAAAGAGAGTTTTTTTAGAAATCC
 ATGATCCAGAATATGGTGACTTAGAACTCTTAAACTCGACCAAAAACCTTTTAGCCAAGCATTGGACTAC
 GTTATGCACTTTTCTCTGTAACCTACATGTGTTGGATCTGGACAGCTGTCATTTCAATGAAAAGCCATA
 GAGGTTCTCTGTAATTGTTTGCCTCAACTTCTTAACTCTGACTGGTTTTAAGCTCCACAGATTGT
 TGTGTTCCCTTACGACTAACTTTGGAGATGGTTTTATTATTTGCACATTTCTTCACTACCTCACCTGAA
 ATACATGAACCTGTATGGCACTAATCTCTAATGATGCAGTTGAGAGGCTGTGCTCAGCTCGAAATTT
 TCAACATGTGGAGTGGAGGAGCTGTTGTTGGGAAAATGTGACATATCAAGTGAGGCTTGTGGCATAATTG
 CAGCTTCCCTTATCAATTCTGAGGTGAAACATCTCTCATTTGGTTGAAAATCCCTTGAAGAACAAAGGAGT
 GATGTCAGTGTGAAATGTGGAAGATCCAAGCTGTGCTGGAATCACTGATGTTGTCTTACTGCTGT
 CTCACATTCATTGCCTGTGGACATCTCTATGAAGCTCTTTGAGCAATGAACACCTCTCTGCTTGATC
 TGGGGTCAAATTTCTGGAAGACTGGAGTGAACCTTCTGTGTGAAGCTTTGAAAGATCCAACCTGCAC
 CCTCAAGGAGTTATGGTTGCCTGGTTGCTATTTAACTTCAAGATGTTGTGAAGAGATCTCGGCTGTCTG
 ACTTGAATACAAATCTAAAGACCTGAAACTTGGCAACAATAACATACAAGACTGTTGTCAAACGGT
 TATGTGAAGCTCTGTGCATCTAACTGTGAAATGCAAGTCTTGGGTTAGACATGTGTGACTTCACCAG
 TGACTGTTGTGAAGACCTGGCCTTGGTTCTTACCACCTGCAACACATTGAAGAGCTTAAACCTTGACTGG
 AATGCCTTTGACCATTCTGGGCTGGAGATGCTCTGTAAGGCCTTGAATCACAAGCCTGTAACTGGAGG
 TGCTTGGACTGGACAAATCTTTATTTCTGAGGAATCACAGACATTACTGCAAGCTGTGGAAAAGAAAA
 TAAAAATCTGAAAGTTTTGCATTTCCCTGGCTTAAAGAGGAACCGAAAAGAGGGGTGTTCTGCTGGTA
 TGAACAGCAAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001302792
Insert Size:	2748 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001302792.1, NP_001289721.1</u>
RefSeq Size:	3040 bp
RefSeq ORF:	2748 bp
Locus ID:	233001
Cytogenetics:	7 15.08 cM
Gene Summary:	May be involved in inflammation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in its 5' UTR, lacks a portion of the 5' coding region, and uses an alternate start codon compared to variant 1. It encodes isoform 3, which has a shorter N-terminus than isoform 1.