

Product datasheet for **MC222808**

Nlrp9a (NM_001048220) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp9a (NM_001048220) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp9a
Synonyms:	D7Ertd565e; Nalp-theta; Nalp9a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222808 representing NM_001048220
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGACTCATCTGGGTATGGCTTGCTGCAGTATTTGCAAAGCTCAGTGATGAAGAGTTCAGAGAT
 TTAAGAACATCTCAGGAAAGAGCCAGAGAAATTTAAACTTAAACCTATCTCCTGGACTAAGATCAAAAA
 CACTTCCAAAGAAGACCTGGTAATGCAATTGTACACACATTATCCAGGAAAGGCATGGGATATGGTGTG
 AGCCTGTTTCTACAGGTCAATCGGGAAGACCTCTCAACCATGGCTCAGACAGAAAGGAGAGATAAACAAA
 CTAATAACAAAGAGTTTATGAAGAATACATTTACGACATATGGACAATGGAGACCAACACTTATATACC
 TGATAGAAGCTACCACGAATTTATAGAAGTCCAGTACAGAGCATTGCAGGACATATTTGATTGTGAGTCA
 GAGCCAGTCACTGATGTATCAGGTTCTAGAGGAGGAGGTAAGTACTTTCTTAAGAAAAGCAATGT
 TGGATTGGGCATCAAGAAATTTACTGCAGAACCGATTTCAATATGTTTTCTACTTCTCCGCTTCTCACT
 TAACAATATCACAGAGTTAAGCTTAGCTGAGCTTATCTCAAGTACGTTGCCTGAATCTTCAGAGACAGTG
 GATGATATTTTATCTGATCCAAAAAGAATCTTGTTTATCTCGATGGATTGATTACCTGAAATTTGACT
 TGGAACTCAGGACAAACCTGTGCAATGACTGGAGGAAGAAGCTGCCAATACAAATTTGCTTGAGTAGTTT
 GCTACAGAAAAAATGCTCCCAGAATGTTCTGCTCCTTGAATGGGAAATGCAAGTCTTTCAAACATT
 ATTCCTTTGCTGCAATATCCAAGGGAGATAATTATGTCAGGATCTCTGAACAACTATAGAAATCTACT
 GTGTGCTTTCTTAAATACCCAGACAGGTGTAGAAATCTTAAAGAATTTAAAGAGCATTAAACCATTGTT
 CAATTTATGCCGCTGCTCATCTATGCTGGATGATCTGTAGTACTATAAAGTGGCAGTATGAGAGGAGA
 GAGGTAGCAAGTCGTTTGGTCGAACATTAGGACTCCTCTACACAATATTTATGGTTAGCGCATTTAAAT
 CAACATATGCCAGGAATCCATCTAAACAGAACAGGGCCCGTATAAGGACCCTATGCACCTGGCTTGAGA
 GGAATGTGGAACAGGTATATGTGTTGACTCTGATGACCTCAGGAGGAATGGGATATCTGAATCAGAT
 AAGAAAGTGTGGCTGAGAATGAAATTTCTCAGAATCAAGGTAGCAACATTGATTTTTATCATTCTACAC
 TACAGTGGTACTTTGCTGTGCTGTTCTATTTTCTCCAATACAAAGACACACGTCACCCAGTTATTGGAAA
 CCTCGCTCAACTCCTAGGAGAAATCTATGCTCATAAACAGAACCAATGGTTCCACACACGGATATTATTG
 TTTGGAATGGCCACTGAGCAAGTAACTCCTTGCTTGAACCATGCTTTGGCTGTATATCATCCAAGGAGG
 TAAGACAGGAAATCATCAGATACATCAAAGTCTCAGTCAACAAGATGCAATGAAAACTGGTGGTGCA
 TCCCCAGAATTTGTTTTCTGTACTTGAACAACAGGAGGAAAGATTTGTAAGACAATTGATGGATCGA
 TTTGAAGAAATGACTGTTGATATTAGTGTGTTGATGATATGTCAGCAACTCCATATTGCTGCATAGAG
 CCCCCAAAGTGAACAACTTACCTGCATATACAAAAGAGAGTTTTTTTGAAGAAATCCATGATCCAGAATA
 TGGTGACTTAGAACTCTTAAACTCGACAAAAGTGTTCCTTCACGACTAACTTTGGAGATGGTTTTATTA
 TTTTGCACATTTCTTACCTACCTCACCTGAAATACATGAACCTGTATGGCACTAATCTCTAATGATG
 CAGTTGAGAGGCTGTGCTCAGCTCTGAAATTTCAACATGTGGAGTGGAGGAGCTGTTGTTGGGAAAATG
 TGACATATCAAGTGAGGCTGTGGCATAAATGCAGCTTCCCTTATCAATCTGAGGTGAAACATCTCTCA
 TTGTTGAAAATCCCTTGAAGAACAAGGAGTGTACTGCTGTGAAATGCTGAAGGATCCAAGCTGTG
 TCCTGGAATCACTGATGTTGCTTACTGCTGTCTCACATTCATTGCCTGTGGACATCTCTATGAAGCTCT
 TTTGAGCAATGAACACCTCTCTGCTTGTGATCTGGGGTCAAATTTCTGGAAGACACTGGAGTGAACCTT
 CTGTGTGAAGCTTTGAAAGATCCAAACTGCACCCTCAAGGAGTTATGGTTGCCTGGTTGCTATTTAACTT
 CAGAATGTTGTGAAGAGATCTCGCTGTCTGACTTGCAATACAAATCTAAAGACCCTGAAACTTGGCAA
 CAATAACATACAAGACTGGTGTCAAACGGTTATGTGAAGCTCTGTGTCATCCTAACTGTGAAATGCAG
 TGTCTTGGGTTAGACATGTGTGACTTACCAGTACTGTTGTGAAGACCTGGCCTTGGTTCTTACCACCT
 GCAACACATTGAAGAGCTTAAACCTTACTGGAATGCCTTTGACCATTCTGGGCTGGAGATGCTCTGTAA
 GGCCTTGAATCACAAGCCTGTAACTGGAGGTGCTTGGACTGGACAAATCTTTATTTTCTGAGGAATCA
 CAGACATTACTGCAAGCTGTGAAAAGAAAAATAAAAATCTGAAAGTTTTGCATTTTCCCTGGCTTAAAG
 AGGAACTGAAAAGAGGGGTGTTCTGCTGATGGAACAGCAAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_001048220
Insert Size:	2850 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:	<u>NM_001048220.2</u> , <u>NP_001041685.1</u>
RefSeq Size:	3184 bp
RefSeq ORF:	2850 bp
Locus ID:	233001
UniProt ID:	<u>Q66X03</u>
Cytogenetics:	7 15.08 cM
Gene Summary:	<p>May be involved in inflammation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>