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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATAAACAAACTAAATACAAAGAGTTTATGAAGAATACATTTCAGCACATATGGACAATGGAGACCA
ACACTTATATACCTGATAGAAGCTACCACGAATTTATAGAAGTCCAGTACAGAGCATTGCAGGACATATT
TGATTGTGAGTCAGAGCCAGTCACTGTAGTTGTATCAGGTTCTAGAGGAGGAGGTAAAACTACTTTCTTA
AGAAAAGCAATGTTGGATTGGGCATCAAGAAATTTACTGCAGAACCGATTTCAATATGTTTTCTACTTCT
CCGTCTTCTCACTTAACAATATCACAGAGTTAAGCTTAGCTGAGCTTATCTCAAGTACGTTGCCTGAATC
TTCAGAGACAGTGGATGATATTTTATCTGATCCAAAAAGAATCTTGTTTATCCTGGATGGATTTGATTAC
CTGAAATTTGACTTGGAACTCAGGACAAACCTGTGCAATGACTGGAGGAAGAAGCTGCCAATACAAATTG
TCTTGAGTAGTTTGCTACAGAAAATAATGCTCCCAGAATGTTCTCTGCTCCTTGAATTGGGAAATGCAAG
TCTTTCAAACATTATTCCTTTGCTGCAATATCCAAGGGAGATAATTATGTCAGGATTCTCTGAACAAACT
ATAGAAATCTACTGTGTGTCTTTCTTTAATACCCAGACAGGTGTAGAAATCTTTAAGAATTTAAAGAGCA
TTAAACCATTGTTCAATTTATGCCGCTGTCCTCATCTATGCTGGATGATCTGTAGTACTATAAAGTGGCA
GTATGAGAGGAGAGAGGTAGCAAGTCGTTTTGGTCGAACATTAGGACTCCTCTACACAATATTTATGGTT
AGCGCATTTAAATCAACATATGCCAGGAATCCATCTAAACAGAACAGGGCCCGTATAAGGACCCTATGCA
CCTTGGCTGTAGAGGGAATGTGGAAACAGGTATATGTGTTTGACTCTGATGACCTCAGGAGGAATGGGAT
ATCTGAATCAGATAAGAAAGTGTGGCTGAGAATGAAATTTCTCCAGAATCAAGGTAGCAACATTGTATTT
TATCATTCTACACTACAGTGGTACTTTGCTGTGCTGTTCTATTTTCTCCAATACAAAGACACACGTCACC
CAGTTATTGGAAACCTCGCTCAACTCCTAGGAGAAATCTATGCTCATAAACAGAACCAATGGTTCCACAC
ACGGATATTATTGTTTGGAATGGCCACTGAGCAAGTTAACTCCTTGCTTGAACCATGCTTTGGCTGTATA
TCATCCAAGGAGGTAAGACAGGAAATCATCAGATACATCAAAAGTCTCAGTCAACAAGAATGCAATGAAA
AACTGGTGGTGCATCCCCAGAATTTGTTTTTCTGTATACTTGACAACCAGGAGGAAAGATTTGTAAGACA
ATTGATGGATCGATTTGAAGAAATGACTGTTGATATTAGTGATGTTGATGATATGTCAGCAACTCCATAT
TGTCTGCATAGAGCCCCAAAAGTGAAAAACCTTCACCTGCATATACAAAAGAGAGTTTTTTTAGAAATCC
ATGATCCAGAATATGGTGACTTAGAACTCTTTAAACTCGACCAAAAACTTTTAGCCAAGCATTGGACTAC
GTTATGCACTTTTCTCTGTAACTTACATGTGTTGGATCTGGACAGCTGTCATTTCAATGAAAAAGCCATA
GAGGTTCTCTGTAATTGTTTGCCTCTAACTTCTTTAGTACCTCTGACTGGTTTTAAGCTCCACAGATTGT
TGTGTTCCTTCACGACTAACTTTGGAGATGGTTTATTATTTTGCACATTTCTTCACCTACCTCACCTGAA
ATACATGAACCTGTATGGCACTAATCTCTCTAATGATGCAGTTGAGAGGCTGTGCTCAGCTCTGAAATTT
TCAACATGTGGAGTGGAGGAGCTGTTGTTGGGAAAATGTGACATATCAAGTGAGGCTTGTGGCATAATTG
CAGCTTCCCTTATCAATTCTGAGGTGAAACATCTCTCATTGGTTGAAAATCCCTTGAAGAACAAAGGAGT
GATGTCACTGTGTGAAATGCTGAAGGATCCAAGCTGTGTCCTGGAATCACTGATGTTGTCTTACTGCTGT
CTCACATTCATTGCCTGTGGACATCTCTATGAAGCTCTTTTGAGCAATGAACACCTCTCTCTGCTTGATC
TGGGGTCAAATTTCCTGGAAGACACTGGAGTGAACCTTCTGTGTGAAGCTTTGAAAGATCCAAACTGCAC
CCTCAAGGAGTTATGGTTGCCTGGTTGCTATTTAACTTCAGAATGTTGTGAAGAGATCTCGGCTGTCCTG
ACTTGCAATACAAATCTAAAGACCCTGAAACTTGGCAACAATAACATACAAGACACTGGTGTCAAACGGT
TATGTGAAGCTCTGTGTCATCCTAACTGTGAAATGCAGTGTCTTGGGTTAGACATGTGTGACTTCACCAG
TGACTGTTGTGAAGACCTGGCCTTGGTTCTTACCACCTGCAACACATTGAAGAGCTTAAACCTTGACTGG
AATGCCTTTGACCATTCTGGGCTGGAGATGCTCTGTAAGGCCTTGAATCACAAAGCCTGTAACCTGGAGG
TGCTTGGACTGGACAAATCTTTATTTTCTGAGGAATCACAGACATTACTGCAAGCTGTGGAAAAGAAAAA
TAAAAATCTGAAAGTTTTGCATTTTCCCTGGCTTAAAGAGGAACTCGAAAAGAGGGGTGTTCGTCTGGTA
TGGAACAGCAAGAATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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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:	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:	NM_001302792.1, NP_001289721.1
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.

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