

Product datasheet for **MC222246**

Nlrp4b (NM_172481) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp4b (NM_172481) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp4b
Synonyms:	AU022726; E330024M09; Nalp-gamma; Nalp4b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222246 representing NM_172481
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCATCTCTGTTTTTCAGATTTTGGCTTTATATGGTACTGGAAAGAGCTAAACAAGATAGAATTCATGT
 ATTTTAAGGAATTACTCATACATGAAATTCGCAATGGGTCTAAACAGATTTCTTGGACTGAAGTAAA
 GGAAGCATCTCGGGAAGACCTTGCCATCTTACTGGTAAACATTGTGACGGGAATCAAGCCTGGGATACG
 ACCTTCAGAGTCTTCCAGATGATTGGGAGGAATGTTATCACTAATAGGGCAACAGGAGAGATTGCTGCAC
 ACTCAACAATATATCGAGCTCATTTAAAGGAGAAGCTGACCCATGATTGTTCTAGAAAGTTCAACATCAG
 TATTCAGAATTTCTTCCAGGATGAATATGATCATCTTGAGAACCTTCTTGTACCAATGGAAGTAAAC
 AATCCAAAGATGGTTGCCTGCAAGGTGAGTGGAAATGGCAAGACTATTCTGTAAAAAATTTAATGA
 TTGTCTGGTCAGAAGGCCTGGTATTTCAAGCAAAATCTCTTATATCTTCTACTTCTGCTGTCATGATGT
 GAAGCAATTGCAGACAGCAAGCCTGGCTGATCTGATCTCCAGAGAGTGGCCTAGCCCTCAGCTCCCATG
 GAGGAGATCCTATCCCAACTGAGAACTTATTTCATCATTGACAGCTTAGAAGGGATGGAATGGAATG
 TTACCCAACAGGATTCGACAGCTGTGTTACAATTGCATGGAGAAGCAGCCAGTAAATGATTGCTGAGCAG
 TTTGCTCAGGAAGAAGATACTCCCTGAATCATCTCTCCTCATCTCCACTAGTTGTGAGACTTTTAAGGAT
 TTGAAGGACTGGATTGAGTACACAAATGTGAGAACAATAACCGGATTCAGGAAAACAATATTAATATGT
 GTTTCACAGCTTGTCCAAGATAGGAACATTGCCAGGAGGCCTTCAGTTTGATAAGAGAAAATGAGCA
 GCTGTTCACTGTATGTCAGGCCCTGTGGTCTGCTACATGGTGGCTACTGTCTTAAAAATGAGATAGAG
 AGTGGAAAAGACCCAGTCTCCATCTGCCGACGTACCACCTCCCTGTATACCACTCACATCTTAAATTTGT
 TCATTTCCCAATGCCAAAATCCAAGTAAACAATAGCGAAGACCTGCTGGATAACTTGTGTTTTCTAGC
 TGTAGAGGCATGTGGACTGATATATCTGTGTTAATGAGGAGGCTCTAAGGAGAAAATGGGATCATGGAT
 TCTGACATCCCCACACTGCTGGATATTGGAATCTTGAGCAGAGCAGGGAATCTGAAAATCTTACATAT
 TCCTCCACCCGTCTGTCCAGGAGTTCTGTGCGGCCATGTTTTATCTGCTACATAGTGAATGGATCACTC
 TTGTCAGGGTGTACTTTATAGAAACATCTCTGTTTACTTTTCTAAACAAGATCAAAAAACAGTGGGTT
 TTTTTGGGCTGTTTCTTCTTTGGTCTTTTACATGAAACAGAACAAGAAAAGCTGGAGGCATTTTTGGCT
 ACCACTTATCTAAAGAATTAAGGCGACAGTTGTTTTGTGGCTGGAACCTCCTATTGGACACTTTACATCC
 TGACGTAACAAAAATAAATACCATGAAGTTCTTTTACTGTCTGTTGAGATGGAAGAGGAAGTCTTTGTA
 CAGTCAGCAATGAAGTGTAGGGAACAGATTGACGTTGTGGTTAAGGGTTATTCTGATTTTATTGTTGCTG
 CCTACTGCTTAAGCCATGGCTCTGCACTGACAGACTTCTCCATTTAGCTCAAAAATGTGCTGAATGAAGA
 GCTAGGCCAGAGGGGAAAGCTACTCATACTTTGGCATCAAAATATGCTCTGTGTTCCCTAAGGAATAAAGAT
 ATCAAAACACTCAGAATAGAAGACACTATTTTCAATGAACCAGTCTTTAAATCTTTTATTCTTATTGTA
 AGAACTCCAGCTGTATCCTTAAACACTTGTGGCATATAATGTTTCTTTTATGTGATAAGCGCCTATT
 CTTGGAATTGATCAAAGCTACAATTTGGAGGAATTGTATCTCAGAGGCACATTCCTCTCCACAGTGAT
 GTGGAAATGTTGTGTGATATCTGAACCAGGCAGAGTGAACATACGCATACTGGATTTAGCTAACTGTT
 CCCTCTGTGAGCATTCTTGGACTACCTTTCTGATGTTCTTAGGCAGAACAAATCCCTGAGTACCTAAA
 CATCAGCTACAATAACCTGAAGGATGAAGGCTGAAGGCTCTCTGTAGAGCTCTGACTCTCCCAACTCT
 GCTCTGCATTCACTAAGTTTGAAGCCTGTCAACTGACTGGTGCCTGTTGTAAGGACCTTGCTTCTACTT
 TTACGCGATATAAATGCCTGCGGAGGATCAACCTGGCGAAGAAGCTCTGGGCTTCAGTGGATTGTTGT
 GCTGTGTAAGGCTATGAAAGACCAACGTGTACCTTGTATGAGCTAAAAGTGCGAATGGCTGACTTTGAT
 AGCGATTCCAGGAATTTCTACTTTCTGAGATGGAAGAATAAAATCTTGAATCGAAAATGGTGTGT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172481
Insert Size: 2592 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:	NM_172481.2 , NP_766069.1
RefSeq Size:	3274 bp
RefSeq ORF:	2592 bp
Locus ID:	210045
UniProt ID:	Q8C6J9
Cytogenetics:	7 A1
Gene Summary:	May be involved in inflammation and recognition of cytosolic pathogen-associated molecular patterns (PAMPs) not intercepted by membrane-bound receptors.[UniProtKB/Swiss-Prot Function]