

Product datasheet for **MC223378**

Nlrp2 (NM_177690) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nlrp2 (NM_177690) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nlrp2
Synonyms:	E330007A02Rik; Nalp2; NBS1; PAN1; PYPAF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223378 representing NM_177690 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACATTTTGATCCCTGGGTTTCAACCTAAAAGACGTCCTGAGAAAGCTGGACAAGACTGAGTTGA
ACAATTTCAAGAGAACATTGAGGAGCTGTTCTCTGCCAGATAACAATGAAACAGATCAACAAGCTGACAAT
GGACCTGGCTAATGGAGCTCAGTAGCAGAAATCTCACAGACCACTGCCCAAGTCTGGATAAAGAGA
GTCACCGTCCAGATCTTAGAGGAAATAAACCGTGTAGATCTAGCTGAGTTAGTAGTAAAGCAAATCGAAG
AAGCAGTATTAAGGTACCTGAGGAAAAGTTTCTTCTAAACCAAGAGAACCTCGGGGACACTAACTTT
CCCATGGAATTTTGTTC AAGGAGCTAAAAGGCCAGAGGACAAGCAAAAAGAGGAATGGAAGACTAGATAC
ACAGCTAAATGGAAGCAGAACTTCTGGCCTAAATGCAATAAAGAAATCTATGTGGTTACCGAGAGCTACA
AGACACTCCTGGCATTGTGTAACCCAAAGATAGAAACCCATTTGCTCATGCAATTGTGCTGCATGGCCC
TCCAGGCTCTGGGAAAACCACAAATGGCAAAGCAGCTAATGTTAGAATGGTCAGAGAGTAAGCAGGCCAG
ATTTTCTCATGTGCCTTCTACATCAGCTGCAGGGAAGTAATAACTAAACCTTGCACTTTTGGCCACC
TCCTCTCCATGGACAATCCCTCCTGGAGGGACTGTGTATTGAGATCTAATCCTGGGAAAGGAATCTT
ATTTGTGGTAGATGGTTTTGATGAGCTGACATTCACAGCAGGAGCTCTGATCCGTGACCTTTGTGGTGAC
TGGAACACAGTGAAGCCTGTAGAGTCTTACTGGGCAGTTTGTGAAGAGGAAGATGGCACCTCATGCCA
CCCTGCTGGTAACCACACGGACACAGTCTTTCACCAAATCTTTGTCATGATGGATCAGCCACTACTAGT
AGAAACTCTGGGCTTCTTGGAGCAAGAAAAGCAGGAGTACTTTTCAGAAACTTTGAAGATGAGGAGGGT
GAGGAGGAGGATAAAGGTGAGGGAAGGCCTTAGAGCTCTCAAGGAAGTGAAGTGAATGCTGATCTAT
ACCAAATGGCCTCACTTCTACTGCATGTGGGATATTCTGCCTCTGTCTGGAGCTAAGGATGAAGAAGGG
GGAAGACCTGTCTCTGACATGTCAGACATACACCTCTATGTTCTGAACTTCTGTGCGAAGTCTTCTCA
TCAGAACTGTGAGGACCATCTCAATGAGGAATCCAAATCTTATTCAAGAAAATATGTATCCTGGCTG
CCAATAGTCTCTTGAACAGGTGCCATACTCTGTGAAGAAGACTTCTTGACATTAATAATGAACCTAAA
CAATTTGCATCCCATGGTGTGCAGGCACATCCTCTTAAGGACAGTTCAGTACACTGTCTCTCTTTT



[View online »](#)

ATCTGCCTCGGTATCCAGCAACTCCTGGCTGCAATAATATTTGTTTCAGGAGCTTGGACAGGAAAGCAAGG
 GTGTCTCTAAATATAGTATACAGAACATGCTTTCAAGGGAAGCAAGATTAACCAACCTGACCTGTCTGG
 GCTGCTGCCATTTGTATTTGGCCCTCTGAATGAGACTCGTATTCAAGAGTTGAAGACTACTTTTGGCTGC
 CAAATATCAACTGAGGTCAAGAGAAAATTCCTGGAGTGTGAGTCAGGGGAAAATAAACCCCTACTATTAC
 TGATGAATATGCAAGAAATCTTGTCTGTCTATGAATCTCAGGAGGAGGGTTGTGAAGGAAGCCAT
 GGTCTCTTTGAGGACATCTCCTTGCATTTGAAAACCAGCACTGACCTCATTTCATGCTTCATTCTGCCTC
 AAGAAGTCTCAGAACTTGCAGACAATGTCCTGAAAGTAGAAAAGGCGGTCTTTCCAGAGAATGTTGCTG
 CACTAGAGTCCACAGCTAAGCATCAAAGGTCCCGGATGAACAACGCATGTTAACTTTCTGGACAGACTT
 TTGTGACACATTTAATTCAAATAAGAAACTGGTATTTCTAGACATCCATGAAAGTTCCTCAACAGCTCT
 GCACTGGAGATTCTTTGTAAAAGCTGCCTCTGCTTCTGTTGTCTCCAGAAAGTGGTCTCAAAAATA
 TTTCCCCAGATGATGCCTACGAGAAATTGTGCCTCATTTTTAATGGTTATAAAACCATCTCACATCTGAT
 CCTGCAAGGTGGCAACCTGGACAGCATGCATCACTCACTGTGTGAGGTTCTGAAAATCCAGCCTGCAAC
 CTGAAGTTTCTCAGCCTGGGATCTTGTCTACTGCTGCTCAGAAATGGGATGACTTCTCCAGTCTGGA
 AAGTCAATCAATCCCTGATATTTCTGGATCTCACAGACAACAGTCTCTTGGACAAAAGTGTAAAGCTCT
 ATGTAATATTTGGAAGGAACCAAAGTGCATACTGCAGAGGGTATCGTTGGAGAAGTGTGAGTCACTGAA
 GCCTGCTGCAAGGACCTCTCTCCGTTTTGATGGTCAGCCGAAGTCTGACACACCTCAGCCTGGCCAACA
 ATAAACTTGGGGATAACGGAGTAAAAACCTGTGTGAAAGCATAAGCTGCACGGAGTGAATCTACAGAC
 CCTGGTGTGTGGTCTGTAACATCACCAACGCTGGTTGCCACTATCTCTCAAAGATGCTCAAACAAACA
 CTGAGCCTGAAACACTTGGATCTGGGGCTAAATCGCATCGGAACCAAGGAGCAAAGTTTCTGTGTGAGG
 CTTTGAAGAACCCTAAGAGTAAATTGAAAAGTCTGTGGCTGTGTGGATGCTCCATCACTCCACTGAACTG
 CCAAGACTTCTCTGAGACTCTTAGAAGCAACAAGGCCTGAACACTCTAGACCTGTCTCAGAACGTCCTG
 GAACTGATGCCATAAAGACATTCTGTGAAGCCTTGAACCTTCAAGTTTGCCTGCAAATGCTTAGAT
 TGAATTTGATGAAGCTAAACCTAGTATCCAGAACCTGATCCAAGAGATGAAGGTGAGCCATCCACAAC
 GAGAATCAGCAGTGACCAAGTGGATCTTAAGAACTCCTCCTCTTCTCATTTCATTTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_177690

Insert Size:

3141 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:

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_177690.3](#), [NP_808358.2](#)

RefSeq Size:

3404 bp

RefSeq ORF: 3141 bp

Locus ID: 232827

Cytogenetics: 7 A1