

Product datasheet for **SC307067**

NLRP13 (NM_176810) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NLRP13 (NM_176810) Human Untagged Clone
Tag: Tag Free
Symbol: NLRP13
Synonyms: CLR19.7; NALP13; NOD14; PAN13
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_176810 edited
 ATGAAC TTTTCTGTAATCACCTGCCCAACGGTGGTACCAACCAAGGGCTTCTGCCTTAC
 CTGATGGCCCTGGATCAGTATCAGCTGGAGGAATTCAAGCTTTGCTTGGAAACCCAGCAG
 CTGATGGACTTCTGGTCGGCCCCCAGGGGCACTTCCCGCGTATCCCCTGGGCAAATTG
 AGAGCTGCCGACCCTTTGAATCTGTCTTTCTTTGGATGAACACTTCCAAAAGGTCAG
 GCATGGAAAGTGGTCTCGGCATCTTCCAGACAATGAATCTGACCTCACTGTGTGAGAAA
 GTTAGAGCCGAGATGAAAGAGAAATGTGCAGACCCAAGAGCTGCAAGATCCAACCCAGGAA
 GATCTAGAGATGCTAGAAGCAGCAGCAGGAATATGCAGACCCAGGGATGCCAAGATCCA
 AACCAAGAAGAACTAGACGAGCTAGAAGAAGAAACAGGAATGTACAGGCCAGGGATGC
 CAAGATCCAAACCAAGAAGAACCAGAGATGCTAGAGGAAGCAGACCACAGAAGAAAATAC
 AGAGAGAACATGAAGGCTGAAC TACTGGAGACATGGGACAACATCAGTTGGCCTAAAGAC
 CACGTATATATCCGTAATACATCAAAGGACGAACATGAGGAACTGCAGCGCCTACTGGAT
 CCTAATAGGACTAGAGCCAGGCCAGACGATAGTCTTGGTGGGAGGGCAGGGGTTGGG
 AAGACCACCTTGGCAATGCAGGCTATGCTGCACTGGGCAAATGGAGTTCTCTTTCAGCAA
 AGGTTCTCCTATGTTTTCTATCTCAGCTGCCATAAAAATAAGGTACATGAAGGAACTACC
 TTTGCTGAATTGATTTCTTTGGATTGGCCCCGATTTTGATGCCCCATTGAAGAGTTTCATG
 TCTCAACCAGAGAAGCTCCTGTTTATTATTGATGGCTTTGAGGAAATAATCATATCTGAG
 TCACGCTCTGAGAGCTTGGATGATGGCTCGCCATGTACAGACTGGTACCAGGAGCTCCCA
 GTGACCAAAATCCTACACAGCTTGTGAAGAAAGAATTGGTTCCCCTGGCTACCTTACTG
 ATCACGATCAAGACCTGGTTTGTGAGAGATCTTAAGGCCTCATTAGTGAATCCATGCTTT
 GTACAAATTACAGGGTTCACAGGGGACGACCTACGGGTATATTTTCATGAGACACTTTGAT
 GACTCAAGTGAAGTTGAGAAAATCCTGCAGCAGCTAAGAAAAACGAAACTCTCTTTCAT
 TCCTGCAGTGCCCCATGGTGTGTTGGACCGTATGTTCTGTCTGAAGCAGCCGAAGGTG
 AGGTATTACGATCTCCAGTCAATCACTCAGACTACCACAGTCTGTATGCCTATTTTTTC
 TCCAACTTGTTCACACAGCAGAGGTAGATTTGGCAGATGACAGCTGGCCAGGACAATGG
 AGGGCCCTCTGCAGCCTGCCATAGAAGGGCTGTGGTCTATGAACTTCACATTTAACAAA
 GAAGACTGAGATTGAGGGCCTGGAAGTGCCTTTCATTGATTCTCTACGAGTTCAAT



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ATTCTTCAAAGATCAATGACTGTGGGGTTGCACTACTTTCACCCACCTAAGTTTCCAG
 GAGTTTTTTCAGCCATGTCCTTTGTGCTAGAGGAACCTAGAGAATTCCTCCCCATTCC
 ACAAAGCCACAAGAGATGAAGATGTTACTGCAACACGTCTTGCTTGACAAAGAAGCCTAC
 TGGACTCCAGTGGTTCTGTTCTTCTTTGGTCTTTAAATAAAAACATAGCAAGAGAACTG
 GAAGATACTTTGCATTGTAATAATCTCCCAGGTAATGGAGGAATTATTAAGTGGGGA
 GAAGAGTTAGGTAAGGCTGAAAGTGCCTCTCCAATTTACATTCTACGACTTTTTTAC
 TGCTACACGAGTCCCAGGAGGAAGACTTCAAAAGAAGATGTTGGGTCGTATCTTTGAA
 GTTGACCTTAATAATTTTGGAGGACGAAGAACTCCAAGCTTCTTCAATTTTGCCTAAAGCAC
 TGTAAAAGGTTAAATAAGCTAAGCTTTCTGTTAGCAGTCACATCCTTGAAGGGACTTG
 GAAATTCTGGAGACAAGCAAGTTTGATTCCAGGATGCACGCATGGAACAGCATTGCTCT
 ACGTTGGTCACAAATGAGAATCTGCATGAGCTAGACCTGAGTAACAGCAAACCTCATGCT
 TCCTCTGTGAAGGTCTCTGTCTGCAGTGAATAATCCAAGATGCAAAGTCCAGAACTG
 ACGTGCAAATCGTAACCTCTGAGTGGTCTGCAGGACCTCATTATTGCCCTTCAGGT
 AACAGCAAGCTGACCCATCTGAACTTCAGCTTAACAAGCTGGGAATGACTGTCCCCTG
 ATTCTTAAAGCTTTGAGACACTCAGCTTGAACCTCAAGTATCTGTGCCTGGAGAATGC
 AACTTGTGCGGACCCAGCTGTCAGGACCTAGCCTTGTTCCTACCAGCATCCAACACGTA
 ACTCGATTGTGCCTGGGATTTAATCGGCTCCAAGATGATGGCATAAAGCTATTGTGTGCG
 GCCCTGACTCACCCCAAGTGTGCCTTAGAGAGACTGGAGCTCTGGTTTTGCCAGCTGGCA
 GCACCCGCTTGCAAGCACTTGTGATGCTCTCCTGCAGAACAGGAGCCTGACACACCTG
 AATCTGAGCAAGAACAGCCTGAGAGACGAGGGAGTCAAGTTCTGTGTGAGGCCTTGGGT
 CGCCAGATGGTAACCTGCAGAGCCTGAATTTGTGAGTGTCTTTTACAAGAGAGGGC
 TGTGGAGAGCTGGCTAATGCCCTCAGCCATAATCATAATGTGAAAATCTTAGATTTGGGA
 GAAAATGATCTCAGGATGATGGAGTGAAGCTACTGTGTGAGGCTCTGAAACCACATCTG
 GCATTGCACACACTTGGGTTGGCGAAATGCAATCTGACAACCTGCTTGTGCCAGCATCTC
 TTCTCTGTTCTCAGCAGCAGTAAGAGCCTGGTCAATCTGAACCTTCTAGGCAATGAATTG
 GATACTGATGGTGTCAAGATGCTATGTAAGGCTTTGAAAAAGTCGACATGCAGGCTGCAG
 AAACCTCGGGTAAGTTGGCTGTGCCTTCAGTCTTGTCTATGTCCTCCTTGGTGAATGTTT
 TTAATCTTGGAGGTGTTGAGAGAATCAATAAAGCAAAGCATATAAAAAATAAAAAAAA
 AAAAAAAA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_176810 unedited
 TGCAATTTGTATACGACTCCTATAGGGCGCGCGAATTCGTCGACATTGAACTTTTCTG
 TAATCACCTGCCCAACGGTGGTACCAACCAAGGGGCTTCTGCCTTACCTGATGGCCCTG
 GATCAGTATCAGCTGGAGGAATCAAGCTTTGCTTGGAAACCCAGCAGCTGATGGACTTC
 TGGTCGGCCCCCAGGGGCACTTCCCGGTATCCCCTGGGCAAACCTTGAGAGCTGCCGAC
 CCTTTGAATCTGCCTTTCTTTGGATGAACACTTCCCAAAGGTGAGGATGGAAGTGT
 GTCCTCGGCATCTCCAGACAATGAATCTGACCTCACTGTGTGAGAAAGTTAGAGCCGAG
 ATGAAAGAGAATGTGCAGACCCAAGAGCTGCAAGATCCAACCCAGGAAGTCTAGAGATG
 CTAGAAGCAGCAGCGGAATATGCAGACCCAGGGATGCCAAGATCCAACCAAGAAGAA
 CTAGACGAGCTAGAAGAAGAAACAGGGAATGTACAGGCCAGGGATGCCAAGATCCAAC
 CAAGAAGAACCAGAGATGCTAGAGGAAGCAGACCACAGAAGAAAATACAGAGAGAACATG
 AAGGCTGAACTACTGGAGACATGGGACAACATCAGTTGGCCTAAAGACCAGTATATATC
 CGTAATACATCAAAGGACGAACATGAGGAACTGCAGCGCCTACTGGATCCTAATAGGACT
 AGAGCCCAGGCCAGACGATAGTCTTGGTGGGAGGGCAGGGGTTGGGGAAGACCACCT
 TGGCAATGCAGGCTATGCTGCACTGGGCAATGGAGTTCTTTTTCAGCAAAGGTTCTCCT
 ATGTTTCTATCTCAGCTGCCATAAAATAGGTACATGAAGGAAACTACCTTGTGAATTGA
 TTTCTTTGGATTGGCCGATTTTGTATGCCCC

Restriction Sites:

Please inquire

ACCN:

NM_176810

Insert Size:

3300 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_176810.1 , NP_789780.1
RefSeq Size:	3132 bp
RefSeq ORF:	3132 bp
Locus ID:	126204
UniProt ID:	Q86W25
Cytogenetics:	19q13.43
Gene Summary:	This gene encodes a member of the NACHT, leucine rich repeat, and PYD containing (NLRP) protein family. It has an N-terminal pyrin domain, followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. NLRP proteins are implicated in the activation of proinflammatory caspases through multiprotein complexes called inflammasomes. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]