

Product datasheet for SC128282

NLRP11 (NM_145007) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NLRP11 (NM_145007) Human Untagged Clone
Tag:	Tag Free
Symbol:	NLRP11
Synonyms:	CLR19.6; NALP11; NOD17; PAN10; PYPAF6; PYPAF7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_145007 edited

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CCACGCGTCCGGCCAAGGAGACCTGGTGGCAGGGTTGATCTCATATTTCTGTGCCTCAA
AATCCCTTCTCTGAAGTCTGCCTTCCCTGGAGAAGCAAGATGGCAGAATCGGATTCTACT
GACTTTGACCTGCTGTGGTATCTAGAGAATCTCAGTGACAAGGAATTCAGAGTTTTAAG
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AGACGAAACCGCAATCAGGAGGCATGCAAAGCTGTCATGAGGAGAAAAATTCATGCTGCAA
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AATGTGTTCTGATGGGAGAGAGAGCATCTGAAAAACTATTGTTATAAATCTGGCTGTG
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TTTAATCAAGTGTCTTACTTTTCTTTTGGTCTTCTAAATGCAAACAGGAGAAAGATTCTT
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TTCTACACTGTCTCAAGAGTATTAAGGATTATATGAAGTAATAAGGATAAAATGCA
TTGGAAAAAAAAAAAAA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_145007 unedited
GGACTATTGTATACGACTCCTATAGGGCGGCCGAATCTAGAGTCGACAAGCTTGATATC
GGTACCGGTCCGAATTTCCGGGATATCGTCGACCCACGCGTCCGGCCAAGGAGACCTGG
TGGCAGGGTTGATCTCATATTTCTTGTGCCTCAAAATCCCTTCTCTGAAGTCTGCCTTCC
CTGGAGAAGCAAGATGGCAGAATCGGATTCTACTGACTTTGACCTGCTGTGGTATCTAGA
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GCCAATCTCTTATGAGGGACAGTATATATGGAATATGCTCTTCAGCATATTTTCAATGAT
GCGTAAGGAAGATCTTTGTAGGAAGATCATTGGCAGACGAAACCGCAATCAGGAGGCATG
CAAAGCTGTATGAGGAGAAAATTCATGCTGCAATGGGAAAGTCACACTTTTGAAAAAT
TCATTATAAATTTTTCTGTGACGTTTCTGTCAGATGTGTTCTACATACTTCAATTAGCCTA
TGATTCTACCAGCTATTATTCAGCAACAATCTCAATGTGTTCTGATGGGAGAGAGAGC
ATCTGGAAAACTATTGTTATAAATCTGGCTGTGTTGAGGTGGGATCAAGGGTGAGATGT
GGCAGAACATGATCTCGTACGTCGTTCACTCACTTCTACGAAATAAACCAGATGACCA
ACAGCAGCTTGGCTGAGCTAATCGCAAGGACTGGCCCTGACGGCCAGGCTCCCATTGCA
GACATCTGTCTGATCCCAAGAACTCTTTTCATCCTCGAGGACTTGACACATAGATTGCG
AGTAATGTCATGAAGTGCTTTGTGTAGTACAGCAGCCAGAGTACATCAGTCTCTGTGAG
TTGCTGAAGAGAAAAATGGCTCCAGGCTGCTGGTTTCTTCAA

Restriction Sites:

Please inquire

ACCN:	NM_145007
Insert Size:	3500 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_145007.2 , NP_659444.1
RefSeq Size:	3434 bp
RefSeq ORF:	3102 bp
Locus ID:	204801
UniProt ID:	P59045
Cytogenetics:	19q13.42-q13.43
Protein Families:	Druggable Genome
Gene Summary:	This gene is a member of the the NOD-like receptor protein (NLRP) gene family and encodes a protein with an N-terminal pyrin death (PYD) domain and nucleoside triphosphate hydrolase (NACHT) domain and a C-terminal leucine-rich repeats (LRR) region. This gene has been shown to regulate caspases in the proinflammatory signal transduction pathway and, based on studies of other members of the NLRP gene family with similar domain structure, is predicted to form part of the multiprotein inflammasome complex. Alternative splicing produces multiple transcript variants encoding distince isoforms. [provided by RefSeq, May 2017] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.