

Product datasheet for **SC319049**

NPRL3 (NM_001039476) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPRL3 (NM_001039476) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPRL3
Synonyms:	C16orf35; CGTHBA; FFEVF3; HS-40; MARE; NPR3; RMD11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001039476.1
 CCCGCCTCGTCCTCCTCAGGCCCTCCGCCTCCGGCTCCGTCTCCTCAGGCCCTCC
 GCCTCCGGCTCCGTCTCTCTGGCCCCCTCCGCCCGGCCCGGCCACGGCGGGAT
 GCGGGACAACACCAGCCCCATCAGCGTGATTCTGGTGAGCTCGGGGAGCAGGGCAATAA
 GCTGCTGTTCAAGTACCCCTTCCAGAGAAGCCAGGAGCACCCGGCGTCCCAGACAAGTAA
 GCCCGGTAGCAGATACGCTGCCAGCAACACGGGCGACCATGCTGATGAGCAGGACGGCGA
 TTCCAGGCCAACGCAGACCCGTCAAGTATAAAGTGTCTGCATAACCTGTCCCGTGTATC
 GCCACCGTGTGCAGCACGAGGAGCGCCCTGCCAGTACCTCACCCGGGAGGCCAAGCTG
 ATCCTGGCGCTCCAGGATGAGGTGTCCGCCATGGCTGATGGAAATGAAGGTCCTCAGTCC
 CCATTCCATCACATCCTGCCAAGTGCAAGCTGGCCAGGGACCTCAAGGAAGCTTATGAC
 AGCCTGTGCAGCTCGGGCGTAGTTCGGCTTACATCAACAGCTGGCTGGAGGTGAGCTTC
 TGCCTGCCCCACAAGATCCACTATGCGGCCTCCAGTCTGATCCCCCAGAGGCCATCGAA
 CGGAGCCTGAAAGCCATCCGCCCTACCATGCCCTGCTGCTCAGTATGAGAAGTCC
 TTGCTGGGTGAGCTTCTATTGACTGCTCCCTGCCCTAGTGGGGTGTCAAGACCACA
 TCTGCTGTGAAGAAGCTGCAGCAGCTAGCCCAAGATGCGGACCTGGCCTTGTGCAGGTT
 TTCCAGCTTGACGCTCATCTGGTACTGGGGCAAGGCCATCATCTACCCGCTGTGT
 GAGAACAACGCTACATGCTGTCTCCAATGCCAGCGTATGTCTGACTCCCCGCTGGCC
 GAGCAGTTCTCCACAGTTCCCATCTCATGACCTGCCGTCCGTTCTTGCCAAGTTCTCC
 TTGCCGGTCTCCTTGTGAGAATTTAGGAATCCCCTGGCCCCCGCTGTGCAGGAGACCCAG
 CTCATCCAGATGGTGGTGTGGATGCTGCAGCGCCGGCTTCTCATCCAGCTGCACACCTAT
 GTCTGCCTGATGGCCTCACCCAGCGAGGAGGCCCGTCCGCGAGAGGACGACGTCCTCC
 TTCACTGCCCGGTTCGGCGGTTCGAGCCTCAGCACGCCCAACGCCCTCAGCTTTGGCTCC
 CCAACGACGAGGATGACATGACCTCACCCAGCCAGCATGGACAACCTCCAGCGCAGAG
 CTACTTCCAGCGGGGACTCGCCACTGAACAGAGGATGACGGAGAACCTGCTGGCCAGC
 CTGTGCGGAGCATGAACGCGCAGCCATCCTCAGTGTACCCGACGCCAGAACCTGAGGAC
 CTCCGCATGTTTGCCAGGCTCCTTCACTACTTCCGCGGCCGCCACCCTGGAGGAGATT
 ATGTACAACGAGAACACGCGGCGCTCCCAGCTGCTCATGCTGTTTGACAAGTTCCGCAGC
 GTGCTGGTGGTGACCACCCAGGAGCCCTGTCATTGCCGTCTTCCAGGCTCTGTCCCC
 TGAGCCCAGGCGGAGGGCGGAAGGCTGCTGGGGTGGCAGGTGGGCGCTCGCGTCTCCCC
 ACCCCAGGGCTCCCCCGTGTGAGGCTGAGCCCTCTTGGCCCTGAGGCCTGGCATTGGG
 TGGATGCGGGCTGGCCGTGGCCAGTGAAGCCTGCAGAGCCCCGCTGTCTTGGCCCTGG
 TGGTTCGCTGTGGGGCTGCTGCCCTCTGTGTTCTACGCTTCCCTCCAGTCTTGGCCG
 ACGCGTAGGCATCTCACGCTGGAGGGGGCTGCCAGGACTCCTGTCTCTGGGTGAGGC
 CGCATCCTTAAGGCCCATGTGGGCTGTGCGTTTCTCAGACCCTCCTTCTGTCCCTACAC
 CTGCTCCTTGACCCCCAGTCTGTGGCCACCCTGAAGAATGTGCAGAAACACTTGTGTG
 GCCTGTCCCTGTCTCTGACAGCCTTCCATTTGTGAAGTGCCCTGTGGCCCCCTCCCCA
 GCACCTGTGTGCCATGCGCTTCTTCTCCAGGCTACCCTGAGCCTTCTTGGCCAG
 TCCTCACACAGTCCACAGAAGCCACAACAGGCTCATAGCCAAGCTGTGACCTGGTCTCT
 GACCATCTGGGGCAGGAGGGCTGGGCTGGCCCTGCTAGGCTGGAGAAGCCCTGTACCT
 GTGCACATCTTGTGGTGGAGGCATGGCCACTGTGCAGGACCCACCCTCGGGGGCTTT
 CGGCTCCACACTGATGATTCTCCCAGCATCCACACCGGCCTGGCGCTACGTAAGTACG
 GCCCCAGCTCTCGTGTCTGGAGGAAGAGCTAGCTCCAGACATGGGTTGATCACCTAGA
 GGAGCTCTGGCTAAGGCACAGTTTTCTAGAAATAAAACATTTATTTCGGTTTTTAAACAAT
 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001039476

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001039476.1, NP_001034565.1</u>
RefSeq Size:	2753 bp
RefSeq ORF:	1173 bp
Locus ID:	8131
Cytogenetics:	16p13.3
Gene Summary:	<p>The function of the encoded protein is not known. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>