

Product datasheet for **SC315591**

NPRL3 (NM_001077350) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPRL3 (NM_001077350) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPRL3
Synonyms:	C16orf35; CGTHBA; FFEVF3; HS-40; MARE; NPR3; RMD11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC315591 representing NM_001077350.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCGGGACAACACCAGCCCCATCAGCGTGATTCTGGTGAGCTCGGGGAGCAGGGGCAATAAGCTGCTG
TTCAGGTACCCCTTCCAGAGAAGCCAGGAGCACCCGGCGTCCAGACAAGTAAGCCGCGTAGCAGATAC
GCTGCCAGCAACACGGGGACCATGCTGATGAGCAGGACGGCGATTCCAGTTTTTCAGATGTTATTCTG
GCAACAATTTTGCAACCAAGTCTGAAATGTGTGGCCAAAAATTTGAACTGAAGATTGATATGTGCGA
TTTGTGGGCACCAACACTGCTACAGCATGCTCTGGGCAGATCTCCAAAAACAGATCCTTCCCCGAAG
AGGGAAGCACCTACTATGATTCTTTTTAATGTGGTGTGGTACTGAGGGCCAACGCAGACCCGTCAGTG
ATAAACTGTCTGCATAACCTGTCCCGTGTATCGCCACCGTGTGCAGCACGAGGAGCGCCGCTGCCAG
TACCTCACCCGGGAGGCCAAGCTGATCCTGGCGCTCCAGGATGAGGTGTCCGCCATGGCTGATGAAAT
GAAGGTCCTCAGTCCCCATTCCATCACATCCTGCCAAGTGCAAGCTGGCCAGGGACCTCAAGGAAGCT
TATGACAGCCTGTGCACGTGGGCGTAGTTCGGCTTACATCAACAGCTGGCTGGAGGTGAGCTTCTGC
CTGCCCAACAAGATCCACTATGCGGCCTCCAGTCTGATCCCCCAGAGGCCATCGAACGGAGCCTGAAA
GCCATCCGCCCTACCATGCCCTGCTGCTCAGTGATGAGAAGTCTTGTGGGTGAGCTTCTTATT
GACTGCTCCCCTGCCCTAGTGCGGGTGATCAAGACCACATCTGCTGTGAAGAACCTGCAGCAGTAGCC
CAAGATGCGGACCTGGCCTTGTGTCAGGTTTTCCAGCTTGAGCTCATCTGGTGTACTGGGGCAAGGCC
ATCATCATCTACCCGCTGTGTGAGAACAACGTCTACATGCTGTCTCCCAATGCCAGCGTATGTCTGTAC
TCCCCGCTGGCCGAGCAGTTCTCCACCAGTCCCATCTCATGACCTGCCGTCCGTTCTTGCCAAGTTC
TCCTTGCCGGTCTCCTTGTGAGAATTTAGGAATCCCCTGGCCCCCGCTGTGCAGGAGACCAGCTCATC
CAGATGGTGGTGTGGATGCTGCAGCGCCGGTCTCATCCAGCTGCACACCTATGTCTGCCTGATGGCC
TACCCAGCGAGGAGGAGCCCCGTCCGCGAGAGGACGACGTCCCCTTCACTGCCCGGTGCGCGGTGCG
AGCCTCAGCACGCCCAACGCCCTCAGCTTTGGCTCCCCAACCCAGCAGCGATGACATGACCCTCACCAAGC
CCCAGCATGGACAACCTCCAGCGCAGAGCTACTTCCCAGCGGGGACTCGCCACTGAACCAGAGGATGACG
GAGAACCTGTGGCCAGCCTGTGCGAGCATGAACGCGCAGCCATCCTCAGTGATCCCGCAGCCAGAAC
CCTGAGGACCTCCGCATGTTTCCAGGCTCCTTCACTACTTCCGCGGCCGCCACCACCTGGAGGAGATT
ATGTACAACGAGAACACGCGGCGCTCCCAGCTGCTCATGCTGTTTGACAAGTTCCGACGCGTGTGGTG
GTGACCACCCACGAGGACCTGTATTGCCGTCTTCCAGGCTCTGCTCCCCTGA
ACGGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001077350
- Insert Size:** 1710 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:** 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:

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_001077350.2](#)

RefSeq Size: 2738 bp

RefSeq ORF: 1710 bp

Locus ID: 8131

UniProt ID: [Q12980](#)

Cytogenetics: 16p13.3

MW: 63.6 kDa

Gene Summary: The function of the encoded protein is not known. [provided by RefSeq, Aug 2011]
Transcript Variant: This variant (1) encodes the longest isoform (1). 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.