

Product datasheet for **RN209504**

Nprl3 (NM_001034936) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nprl3 (NM_001034936) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nprl3
Synonyms:	Mare; RGD1308665
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209504 representing NM_001034936
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACAACACTAGCCCATCAGCGTGATCCTGGTGAGCTCGGGCAGCAGGGCAATAAGCTGCTCT
 TCAGGTATCCCTCCAGAGGAGCCAGGAGCACCCGCGTCCAGACAAATAAACCACGTAGCAGATACGC
 TGCAACAACACGGGAGAGCATGTTGATGACCAGGATGGTACTCCAGTTCTCGGATGCTATTCTGGCA
 ACAATTTTGGCAACAACTCTGAAATGTGCGGCCAAAAGTTTGGAGCTGAAGATTGATAATGTACGGTTTG
 TGGGGCACCAACTGCTGCAGCATGCTCTGGGGCAGGTCTCCAAAACAGATCCATCTCCAAAGCGGGA
 AGCACCGACCATGATCCTTTTTAATGTGGTGTTCGACTGAGGGCCAATGCTGACCCGTGAGTATAAAC
 TGTCTGCACACCTTGTCCCGCGCATTGCTACCGTCTGCAACATGAGGAGCGCCGTGCCAGTACCTCA
 CACGGGAGGCCAAGCTGATCTTAGCACTTCAGGATGAGGTGTCTGCTATGGCCGATGCAAAATGAAGTCC
 TCAGTCCCATTCCACCACATCTGCCCAAGTGAAGCTGGCTAGGGACCTCAAAGAAGCTTATGACAGC
 CTGTGCACATCTGGTGTAGTACGGCTTCACATTAACAGCTGGCTAGAAGTGAAGTCTGTCTTCCCACA
 AGATCCACTATGCAGCTCAAGTCTGATCCCTCCTGAGGCTATTGAACGGAGCCTGAAAGCCATCCGCC
 CTACCATGCTTTGCTACTGCTCAGTGACGAGAAGTCTCTATTGAGTGAGCTTCCCATTGACTGCTCCCCG
 GCTCTGGTGCGGGTGATCAAGACCACGTCTGCTGTGAAGAACCTACAGCAGCTAGCCAGGATGCTGATC
 TGGCCTTGCTGCAGGTCTCCAGCTTGCAGCTCACCTGGTGTACTGGGGCAAGGCCGTCATCATCTATCC
 ACTGTGTGAGAACACGTCTATGCTCTGCTCCCAATGCCAGTGTGTGCTGTACTCTCCACTAGCTGAG
 CAGTTCTCCGCCAGTCCCGTCTCATGACCTGCCATCTGCTCTGGCCAAGTTTTCTTGCCCGTTTCTT
 TATCGGAGTTCAGGAGCCCCCTGGCCCCCTGCACAGGAGACCCAGCTCATCCAGATGGTGGTGGAT
 GCTGCAGCGCCGGCTGCTCATCCAGCTGCATACCTATGTTTGCCTAATGGCATCACCCAGTGAGGAGGAG
 CCCCAGCTCGAGAGGATGACGTCCCCTTCACAGCCGAGTTGGTGGCCGAGCCTCAGCACACCCAATG
 CTCTAAGCTTTGGCTCCCAAGTAGGATCCCCTTCAGGACATCTGTCTGGTAATGGGGCTGGGAGACT
 CTGGTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034936

Insert Size: 1410 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_001034936.1, NP_001030108.1
RefSeq Size: 2650 bp
RefSeq ORF: 1410 bp
Locus ID: 360505
Cytogenetics: 10q12