

Product datasheet for SC113166

NPD014 (RSRP1) (NM_020317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPD014 (RSRP1) (NM_020317) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPD014
Synonyms:	C1orf63; NPD014
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113166 sequence for NM_020317 edited (data generated by NextGen Sequencing) <pre> ATGTCCAACACTACGTGAACGACATGTGGCCGGGCTCGCCGCAGGAGAAGGATTCGCCCTCG ACCTCGCGGTTCGGCGGGTCCAGCCGGCTGTCGTCGCGGTCTAGGAGCCGCTCTTTTCC AGAAGCTCTCGGTCCCATTCCCAGCTCTCGAGCCGGTTTTCGTCCAGGAGTCGGAGGAGC AAGTCCAGGTCCCGTTCCCGAAGGCGCCACCAGCGGAAGTACAGGCGCTACTCGCGGTCA TACTCGCGGAGCCGGTCGCGATCCCGCAGCCGCCGTTACCGAGAGAGGCGCTACGGGTTT ACCAGGAGATACTACCGGTCTCTTCGCGGTACCGGTCCCGTCCCGTAGCAGGTGCGGC TCTCGGGGAAGGTCGTAAGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG GGCTTTGGTCGCACAGTGTACCCGGAGGAGCACAGCAGATGGAGGGACAGCTCCAGGACG AGGTGCGGAGCAGAACCCCTTTTCGCTTAAGTAAAAAGATCGAATGGAGCTGTTAGAA ATAGCAAAAACCAATGCAGCGAAAGCTCTAGGAACAACCAACATTGACTTGCCAGCTAGT CTCAGAACTGTTCTTCAGCCAAAGAAACAAGCCGTGGAATAGGTGTATCAAGTAATGGT GCAAGGCTGAACTGTGCGAAAAGGTAACAGAAGATGGAATCGAAATCCCAATGAAAAA CCTACCCAGCAAGAAGCATAGCTTTTAGCTCTAATAATTCTGTAGCAAAAGCCAAATACAA AAATCAGCTAAAGCTGCCACAGAAGAGGCATCTCAAGATCACCACCAAAATAGATCAGAAA AAAAGTCCATATGGACTGTGGATACCTATCTAA </pre> Clone variation with respect to NM_020317.3 471 a=>c


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020317 unedited
 CGTTACCATTTGTGAAACGACTTCACTATAGGCGGCCGNAATTCGGCACGAGGCCTC
 AGTGCGCATCCGACGCTAGAGGTGGAGGTTGTGGAATTCGCCGTTTCAAAGCAGGACTA
 ACCGCCCCCTCTTCTTCTACGATAAAGAAAGGAAGGCGTCTGTTCTACCTTTCTCTCNA
 CGAGAGGAGGCGTCCACGGCNTNCNNNAAGGCTGAGTTGTGGCTTGCAGTTATCCTTT
 ACGGAGAGAGCGACGCTAAAGCCGAGGTGAAGATGTCCAACACGTGAACGACATGTG
 GCCGGCTCGCCGAGGAGAAGGATTGCCCTCGACCTCGCGGTCGGGCGGGTCCAGCCG
 GCTGTGTCGCGGTCTAGGAGCCGCTCTTTTCCAGAAGCTCTCGGTCCATTCCCGCGT
 CTCGAGCCGTTTTCTGTCAGGAGTCCGAGGAGCAAGTCCAGGTCCCGTCCCGAAGGCG
 CCACCAGCGAAGTACAGGCGCTACTCGCGTCATACTCGCGAGCCGTCGCGATCCCG
 CAGCCGCCGTTACCGAGAGAGGCGCTACGGTTTACCAGGAGATACTACCGGTCTCCTTC
 GCGGTACCGGTCCCGTCCCGTAGCAGGTGCGCTCTCGGGAAAGTCGTACTGCGGAAG
 GCGGTACGCGATCGCGGNGACAGCGCTACTACGGCTNTGGTCGCACAGTGATCCCGGA
 GGAGCACAGCAGATGGAGGACAGCTCCAGGACAGGTGCGGAGCAGAACCCCTTTTG
 CTTAGTAAAAAGATCGAATGGAGCTGTANAAATAGCAAAACCATGCAGCGAAAGCTC
 CTAGGACAACCAATTGACTTGCCAGCTAGTCTCAAACTGTCCCTCAACCAAGAAACA
 GCCGGGNATAGGTGTATCAGGTAATGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020317 unedited
 ATGGACCGCGGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAAGGAAAACCAAAATTTTTTAAT
 TTTCCAAAACAGGAATCCCGTTCATTTCCGGGGTAAAAAATTTCTTTTTTACATAACC
 AAAACATTTTTTACAATTTTTTCAAAAAACCCCCCTGGGCATAACCTTGGGCCATT
 GGGGCTTTCTTTTCAATTTTGGGAAAAAAACCTAAAAGTTAATTTTGGAGGGGAAAGTTT
 TTACCTTTTTTTTGGGGGGGTTTAAAAGGCCCAAGCCCCCTGAAGGGCTCAAAGGGGG
 GGATAATGCTAAAAACCTACCTTGCAATAAAGGGCAGTTTTTATGCAAACTTACCCCTC
 AGTTTTTTTTTTTTTAAAAGGGTTCCCGAGCCCATAGGGACTTTTTTCTGATCTATTTT
 GGGGATCTTAAAAAGCCTTTTTGGGGGACGCTTAACTGATTTTTGTATGGGCTTTC
 CCAAAATTTAAACCTAAACCTCTGCTTCTTGTGTTGGGAGGTTTTTATTGGGATT
 TCGAGGCCCCACTTTTGGTTACCTTTTCCGACAGGTTGACAGGTATAAAAAAGGGTAATTC
 TAAAAACCCCCCTGGGTCTTCTTAACCCCTTATAAAAAAGCCCCCTATTGGGAAAAA
 AATTTTCTGGGACCCCAAAATATAACCTGGGTCTAAACCCCAACACACACCTTTTG
 GTTCCCCCTTAACAAACCGTATTAATTTTGCCTAAACCTTCTCCATAATTTTTCC
 TCCCTGGGGGCAATAAACCAATCTTTAAACCTTCTCCGGGAAATCAGTCCCTTTGG
 GAGGGAACCCCTCTTCAATTATCTTTTATAACAAAGGCTTGCCTGTGGGCCCCATACGC
 TGCCAACAACCTTCTCTTTTCAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_020317

Insert Size:

3100 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_020317.3](#), [NP_064713.3](#)

RefSeq Size: 1482 bp

RefSeq ORF: 873 bp

Locus ID: 57035

UniProt ID: [Q9BUV0](#)

Cytogenetics: 1p36.11