

Product datasheet for **RN212688**

Nsrp1 (NM_001037189) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsrp1 (NM_001037189) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nsrp1
Synonyms:	Ccdc55; NSrp70; RGD1309863
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212688 representing NM_001037189
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGATTCCGGGCAGGCAGTATGGGCTATTTTGC~~AAAGAAAACACAGCCGTTGAACCGAGTTTGC~~
 AAAAACCATCAGTGTGGAAATGATTCTGATGATGATGAGGCGTCTGTGAGCGAAAGCCTTCAGAGGGA
 AGCTGCTAAGAAGCAGGCCATGAGACAGACAACTGGAGATTCAGAAAGCTCTTGCAGAAGATTCTACT
 GTGTATGAGTATGACAGCATTTATGATGAAATGCAGAAAAAAGGAAGAAAATAACCCCAAAGTCTTA
 TGGGAAAGATCGAAAGCCAAATATATTCACAACTTACTAAAAGCAGTCGAGATCAGGAAAAAGGAACA
 GAAAAAGAGAATGAAAAAGAAAACAGAGAGAACGAGAGATGAAAAAGGGAGAATTTGATGATAAAGAG
 GCATTTGTGACATCTGCTTATAAAAAAACTTGAAGAGAGAGCTGAAGAGGAGGAAAGAGAAAAAGGG
 CAGCTGCCCTGGAAGCACGTTTGGATGTGACCAAGCAGAAAGACCTCAGTGGATTTTATCGGCATCTATT
 AAATCAAGCAGTCGGTGAAGAGGCAGTTCTAAATCCAGCTTTCGTGAAGCCAGAAGTGAATAAAAGAA
 GAGAAACTCAGGGTTACCCTGATGAAACAATTCAGAGAACAGACCACAGCAGAAGTCCGCTTCGAGA
 GTGGTGTAGAGGAAGCGGAGGAAAAACCCAGATGCTGACAGTGATTCTGAGGAGAGCTGTGACGATGGTGA
 AAGAGGAGACATAAAGTAAAGTCCAGAGGGGAAGAAGACACTGGCGCCTCCACAAAATACCTCAAGCAT
 CACAAGAATCACACCCACTCACGATCATCTAGTGAGGAAGGGGGCTCAGTACCAAGTACCACTCACGAA
 GTTCCCAGTCAAGAGGACATGAGCATAAGGGAGGTCAGCACCAGGACAGGCAGTCCAGAGACCAAGAGAG
 CTGTACAAGGACCGCAGCCACCGGGAAGAAAAGATTCTCATAGGCACAGAGAGGCCAGTCATAAAGAT
 CACCACTGGAAGAGGCATGAGCAGGAGCAAAACCGAAGGACGAGGACAGGAGAAAGACAGGACAGAG
 AATGGAAGAGGGAGAAAATTTCTCAAGAGAACAAGAAAAAGACAGACAATGGAATGATCATGACCGATA
 TAGTGAGAAAAGAAAAGGCAAAAGAAAAGAAAGAGCAGCAAGGAAAGCAAGGAGGAAAGATGTGAAGAT
 GGTGCTAAGTACAGAGAGAGGAAGAAGCCAGAAGGAAGTGGGCAGTCTTCAAGAAAGATCCAGAAAGCA
 GGGAGAGCAGCCGAGGCTAGACCAGAGGACGACCTTCTTGACCAAGAAAGATCCAGCAAGCAAGAAA
 CACGAAAAGGACAAAGGGGAACAAGGGAAGCCCTCGTTCTGAAACATCACTAGCAACAAAACACAGA
 CTGACAGAGGAAAGACCAGAGAAGGCGAGTCAGCCAGAGAGGCCCTGAGGCCGTGAGCAAGTTTGCAA
 AGCGGAGCAACGAGGAAACGGTGTGTCAGCTAGGACAGGTATTTGGCCAGGCAGATGGCGCGGATAAA
 TGCAAAGACGTATATTGAGAAAGAAGATGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001037189

Insert Size: 1644 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_001037189.1](#), [NP_001032266.1](#)

RefSeq Size: 1974 bp

RefSeq ORF: 1644 bp

Locus ID: 303346

UniProt ID: [Q4FZU3](#)

Cytogenetics: 10q24

Gene Summary: RNA-binding protein that mediates pre-mRNA alternative splicing regulation.
[UniProtKB/Swiss-Prot Function]