

Product datasheet for **MR208653**

Nsrp1 (NM_001012309) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsrp1 (NM_001012309) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nsrp1
Synonyms:	8030451K07; AI851076; AL022898; Ccdc55; NSpr70; NSrp70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208653 representing NM_001012309
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGATCCCGGCAGGCAGTATGGGCTATTTTGC~~AAAGAAAACACAGCCGTTGCACCGAGTTTAC~~
 AGAAACCGTCAGTGTGGGAGTATTCTGATGACGATGAGACTTCCGTGAGCGAAAAGCCTTCAGAGGGA
 AGCTGCTAAGAAGCAGGCCATGAAACAGACCAAATGGAGATTCAGAAAGCTCTTGCAGAAGACTCCACT
 GTGTATGAGTATGACAGCGTTTATGATGAGATGCAGAAAAAGGAAGAAAACAACCCCAAGCTGCTTC
 CGGGGAAGGATCGGAAGCCAAATATATTCACAACCTACTAAAAGCAGTCGAGATCAGGAAAAAGGAGCA
 GAAAAAGAGAATGAAAAAGAAAACAGAGAGAACGAGAGATGAAAAACGGAGAATTTGATGATAAAGAG
 GCATTTGTGACATCTGCTTATAAAAAGAACTTGAAGAGAGAGCTGAAGAGGAGGAAAGAGAAAAGAGGG
 CAGCTGCTCTGGAAGCACATTTGGATGTGACCAAGCAGAAAGATCTCAGTGGATTTATCGGCATCTATT
 AAATCAAGCAGTTGGTGAGGAGGCAGCTCCTAAATCCAGCTTTCGTGAAGCCAGGACTGTGATAAAGAA
 GAGAAGCTCAGGGTTACCTGTGAAACCAATTCAGAGAGCAGACCACACAGCAGAGCTGCGTCTCTGC
 AAAGGGGTGCACAGGAAGCGGAGGAAAACCCAGATGCTGACCGTGAGTTTGTATGATGAGAGCAGTGAGGA
 CCGTGAAAAGCGAGACATAAAGTCAAGTCCAGAGGAGAAGACACCGGCGCCTCCATGAAACACCCCAAG
 CATCACAAGAAATCGCGCCCACTCAAGATCATCTAGTGAGGAAAGGGGGCTCGGGACCAAGCACCCTCAC
 GAGGTTCCCAAGTCAAGAGGACATGAGCACCAGGACAGGCAGTCCAGAGACCAAGAGAGCTGTCAAGGA
 CCGCAGCCACCGGAAGAAAAGATTCTCATAGGCACAGAGAGCCAGTCCATAAAGATCACTACTGGAAG
 AAGCATGAGCAAGAAGATAAAGTGAAGGGACGAGAACAGGAAGAAAGACAGGACAGAGAAGGGAAGAGGG
 AAAAATATTCCTCAAGGGAACAAGAAAGAGATAGACAACGGAATGATCACGACCGTACAGTGAGAAGA
 AAAGAAAAGAAAAGAAAAGAAAGAGCACAAAAAGCAAGGAGGAAAGATGTGAAGACAGTGGTAAGCAC
 AGAGAGAGGGAGAAGCCAGAAGGACATGGCGAGTCTTCAGAAAGACATCGAGACAGAAGGAAAAGCAGCC
 CACGGTCTAGACCAAGGACGACCTTGTAGGAAAGTCCAGCAAAAGCAAGAAACAGGAGAAGGACAA
 AGGGGAACAAGGGAAGCCCTCTCATTCTGAAACATCACTAGCAACAAAACACAGACTGGCAGAGGAAAGG
 CCAGAGAAGGGCAGTGAAGCAAGAGAGGCCCTGAGGCTGTGAGCAAGTTTGCAAAACGGAGCAATGAGG
 AAAGTGTGATGTCAGCTAGAGACAGGTATTTGGCCAGACAGATGGCGCGGATAAACGCAAGACTTATAT
 TGAGAAAAGAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208653 representing NM_001012309
 Red=Cloning site Green=Tags(s)

MAIPGRQYGLILPKKTQPLHRVLQKPSVFGSDSDDETSVSESLQREAAKKQAMKQTKLEIQKALAE DST
 VYEYDSVYDEM~~QKKKEENPKLLPGKDRPKYIHNLLKAVEIRKKEQEKRMKKIQREREMENGEFDDKE~~
 AFVTSAYKKKLEERAEEEEEREKRAAALEAHLDVTKQKDL SGFYRHLLNQAVGEEAAPKSSFREARTVIKE
 EKLRGYPDETNSERPPQQSCVLQRGAQEAENPDADREFDDESSEDGEKRDHKVKSREGDTGASMKHPK
 HHKNRAHSR~~SSSEERGLGTHHSRGSQSRGHEHQDRQSRDQESCHKDRSHREEKSSHRHREASHKDHYWK~~
 KHEQEDKLGREQEERQDREGKREKYSREQERDRQRNDHRYSEKEKKRKEKEEHTKARRERCEDSGKH
 REREKPEGHGQSSERHRDRRESSPRSRPKDDLQERSSKARNTKDKGEQGKPSHSETSLATKHLAEEER
 PEKGSEQERPPEAVSKFAKRSNEETVMSARDRYLARQMARINAKTYIEKEDD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9082_c06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001012309

ORF Size: 1626 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001012309.2](#), [NP_001012309.1](#)

RefSeq Size: 3132 bp

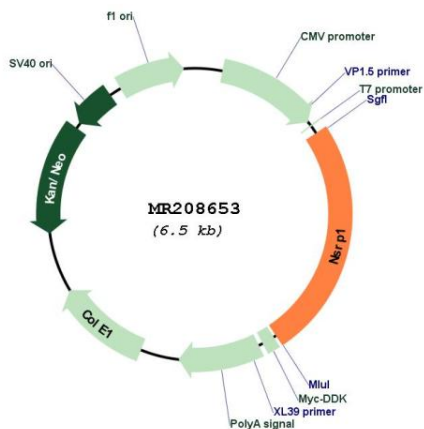
RefSeq ORF: 1629 bp

Locus ID: 237859

UniProt ID: [Q5NCR9](#)

Cytogenetics: 11 B5
 MW: 63.8 kDa
 Gene Summary: RNA-binding protein that mediates pre-mRNA alternative splicing regulation.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208653