

Product datasheet for **MR207414**

Srpx (NM_016911) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srpx (NM_016911) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srpx
Synonyms:	drs; drs-1; drs-2; mDRS-1; mDRS-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207414 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGAGCCCGGACTTCGGCCGAGCTGCTGCTGCCTCAAGTACTGCCGCTGTTGCTGGCGCTGCTGC
 ACGTCCTGCCGAGCCAGGCTTCCAGGATCTGGAGACTCACCCTAGAAGACGATGGAGCTGGTATTC
 ACACTCTCTATATAAAGACACTCCGTGGTCTCTCCATCAAGGTGAAGTATGGGGATGTACTGCAGG
 GCACCTCTGGGGATACTACAAAACAGCCTTGGGAACCAGATGTGACATTGCTGCCGAAAGGGCTATG
 AGCTTCATGGCTTCCAGCTCATCTGCCAGTCAAACAAGCGCTGGTCAGATAAGGTCTCTGCAAACA
 GAAGCGATGTCTACCCTACCATGCCGCAAATGGAGGGTTAAGTGTGTCGATGGTGCCTACTTTAAC
 TCTCGGTGTGAGTACTATTGTTACCAGGATATACATTGAAAGGGGAGCGAACAGTCACATGTATGGACA
 ACAAGGCCTGGAGTGGCCGACCAGCCTCTGTGTAGATCTGGAACCTCCTAGAATCAAGTCCCAAGTGT
 GAAAGAACGTATAGCTGAGCCCAATAAGCTGACAGTCCGGGTGTCTGGGAAAGCCAGAGGGAAGAGAT
 ACAGCGGATGGGATTCTTACTGATGTTATTCTGAAAGGCCTTCTCCGGGCTCAAATTTCCAGAAGGAG
 ACCACAAGATTGAGTACACAGTCTATGACAGAGCCGAGAACAAGGAACTTGCAAGTTTCGAGTTAAAGT
 AAGAGTCAGACGTTGTGGCAAGCTCAATGCCCCAGAAAATGGTTACATGAAGTGTTCACGCGATGGTGC
 AATTATGGAGCCACCTGTGAATTCTCCTGTATTGGCGGCTATGAGCTTACGGGTAGTCTGCCCGAGTAT
 GCCAATCCAATCTGGCTTGGTCCGGCACAGAGCCAGCTGTGCAGCGATGAATGTCAATGTTGGTGTGAG
 AACAGCAGCTGCCTTCTGGATCAGTTTTATGAGAAAAGGCGACTCCTCATTGTATCTACACCCACAGCT
 CGAAACCTCCTCTACAGATTGCAGCTGGGAATGCTACAGCAAGCACAGTGTGGCCTCGATCTCCGACATG
 TCACCGTGGTGGAGCTGGTAGGGTCTTCCCACTCTCATCGGCAGGATCAGAGCAAAGATTATGCCTCC
 AGCTCTAGCTCTACAGCTCAGGCTGTTGCTTCAATTCTCTACTCCTTACGATGGTGGTAGTGGAT
 AAGCATGGCATGGATAAAGAACGTTATGTCTCCTTAGTGACACCCATGGCTCTCTTCAACCTCATTGACA
 CTTTCCCCTGAGAAAAGAGATGATCTGCAGGCTGAGATGGCCGAGACTTGCAACGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207414 protein sequence
 Red=Cloning site Green=Tags(s)

MGSPGLRPELLLPQVLPVLLALLHVLPSQGFPGSGDSPLEDDGVWYSHSLYKDPWCSPKVKYGDVYCR
 APPGGYYKTALGTRCDIRCRKGYELHGSSQLICQSNKRWSDKVICKQKRCPTLTMPANGGFKVDGAYFN
 SRCEYYCSPGYTLKGERTVTCMDNKAWSGRPASCVDLEPPRIKCPVKERIAEPNKLTVRVSWESPEGRD
 TADGILTVDVILKGLPPGSNFPEGDHKIEYTVYDRAENKGTCKFRVKVRRRCGKLNAPENGYMKCSSDGD
 NYGATCEFCISIGYELQGSFARVCQSNLAWSGTEPSCAAMNVNNGVRTAAALLDQFYEKRRLLIVSTPTA
 RNLLYRLQLGMLQQAQCGLDLRHVTVELVGVFPTLIGRIRAKIMPALALQLRLLLRIPLYSFSMVVVD
 KHGMDKERYVSLVTPMALFNLIDTFPLRKEEMILQAEMGQTCNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_016911

ORF Size: 1395 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_016911.5](#)
RefSeq Size: 2456 bp

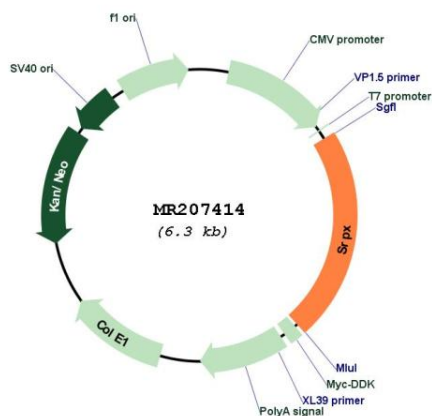
RefSeq ORF: 1395 bp

Locus ID: 51795

UniProt ID: [Q9R0M3](#)

Cytogenetics: X A1.1
 MW: 51.6 kDa

Product images:



Circular map for MR207414