

Product datasheet for **MG207414**

Srpx (NM_016911) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srpx (NM_016911) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Srpx
Synonyms:	drs; drs-1; drs-2; mDRS-1; mDRS-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207414 representing NM_016911
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGCCCGGACTTCGGCCGAGCTGCTGCTGCCTCAAGTACTGCCGCTGTTGCTGGCGCTGCTGC
 ACGTCCTGCCGAGCCAGGCTTCCAGGATCTGGAGACTCACCCTAGAAAGACGATGGAGTCTGGTATTC
 ACACTCTCTATATAAAGACACTCCGTGGTCTCTCCCATCAAGGTGAAGTATGGGGATGTGTACTGCAGG
 GCACCTCTGGGGATACTACAAAACAGCCTTGGGAACCAGATGTGACATTCGCTGCCGAAAGGGCTATG
 AGCTTCATGGCTTCCAGCTCATCTGCCAGTCAAACAAGCGCTGGTCAGATAAGGTCTCTGCAAACA
 GAAGCGATGTCTACCCTACCATGCCGCAAATGGAGGGTTAAGTGTGTGATGGTGCCTACTTTAAC
 TCTCGGTGTGAGTACTATTGTTACCAGGATATACATTGAAAGGGGAGCGAACAGTCACATGTATGGACA
 ACAAGGCCTGGAGTGGCCGACCAGCCTCTGTGTAGATCTGGAACCTCCTAGAATCAAGTCCCAAGTGT
 GAAAGAACGTATAGCTGAGCCCAATAAGCTGACAGTCCGGGTGTCTGGGAAAGCCAGAGGGAAGAGAT
 ACAGCGGATGGGATTCTTACTGATGTTATTCTGAAAGGCCTTCTCCGGGCTCAAATTTCCAGAAGGAG
 ACCACAAGATTGAGTACACAGTCTATGACAGAGCCGAGAACAAGGGAACCTTGCAAGTTTCGAGTTAAAGT
 AAGAGTCAGACGTTGTGGCAAGCTCAATGCCCCAGAAAATGGTTACATGAAGTGTCCAGCGATGGTGAC
 AATTATGGAGCCACCTGTGAATTCTCCTGTATTGGCGGCTATGAGCTTACAGGAGTCTCTGCCGAGTAT
 GCCAATCCAATCTGGCTTGGTCCGGCACAGAGCCAGCTGTGCAGCGATGAATGTCAATGTTGGTGTGAG
 AACAGCAGCTGCCTTCTGGATCAGTTTTATGAGAAAAGGCGACTCCTCATTGTATCTACACCCACAGCT
 CGAAACCTCCTCTACAGATTGCAGCTGGGAATGCTACAGCAAGCACAGTGTGGCCTCGATCTCCGACATG
 TCACCGTGGTGGAGCTGGTAGGGGCTTCCCACTCTCATCGGCAGGATCAGAGCAAAGATTATGCCTCC
 AGCTCTAGCTCTACAGCTCAGGCTGTGCTTCGAATTCCTCTCTACTCCTCAGCATGGTGGTAGTGGAT
 AAGCATGGCATGGATAAAGAACGTTATGTCTCCTTAGTGACACCCATGGCTCTCTCAACCTCATTGACA
 CTTTCCCCTGAGAAAAGAGATGATCTGCAGGCTGAGATGGCCGAGCTTGCAACGTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207414 representing NM_016911
 Red=Cloning site Green=Tags(s)

MGSPGLRPELLLPQVLPVLLALLHVLPSQGFPGSGDSPLEDDGVWYSHSLYKDTWPCSPIKVKYGDVYCR
 APPGGYYKTALGTRCDIRCRKGYELHGSSQLICQSNKRWSDKVICKQKRCPTLTMPANGGFKCVDGAYFN
 SRCEYYCSPGYTLKGERTVTCMDNKAWSGRPASCVDLEPPRIKCPVKERIAEPNKLTVRVSWESPEGRD
 TADGILTVDVILKGLPPGSNFPEGDHKIEYTVYDRAENKGTCKFRVKVRRRCGKLNAPENGYMKCSSDGD
 NYGATCEFCIGGYELQGS PARVCQSNLAWSGTEPSCAAMNVNNGVVRTAAALLDQFYEKRRLLIVSTPTA
 RNLLYRLQLGMLQQAQCGLDLRHVTVVVELVGVFPTLIGRIRAKIMPALALQLRLLLRIPLYSFMSVVVD
 KHGMDKERYVSLVTPMALFNLIDTFPLRKEEMILQAEMGQTCNV

TRTRPLE - GFP Tag - V

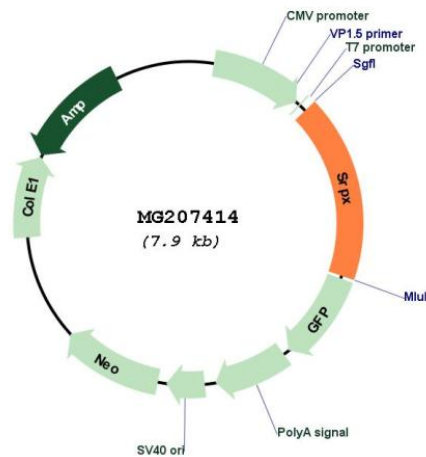
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_016911

ORF Size: 1392 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:	<ol style="list-style-type: none">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:	<u>NM_016911.5</u>
RefSeq Size:	2458 bp
RefSeq ORF:	1395 bp
Locus ID:	51795
UniProt ID:	<u>Q9R0M3</u>
Cytogenetics:	X A1.1