

Product datasheet for **MC201518**

Srpx2 (NM_026838) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srpx2 (NM_026838) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srpx2
Synonyms:	1110039C07Rik; SRP; SRPUL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC028307 sequence for NM_026838
 CCGACTGACTGATGAGAGGAGCAGAGAGCAAAGAAAAAGAAGAGAGATGAACGAGACCACAAAAATCATA
 AAATAAAAAGCAGATGCATGTTCTGCTCTTTTCAAAGCTTCCAGTAGAACGATAGCTCCCTCCGATGTC
 ATATGCCTGCTTCTCTCACTTTTGGGAGTTTCATAGCTGGTCTGCTCTGAAAGTCATTCCCCTTTATCC
 TGGTACTTCTGGCCACATAGCCCTAGTCTTGCTTCTGAAGCTTCCCTGTGACGATGATGACCAGTCCA
 CTGACTCAGAGAGGTGCTCTCTCACTGCTGCTCCTCTAATGCCCGCAGTGACACCAACATGGTACGCAG
 GCTCAGGTTACTCTCCAGATGAAAGCTACAATGAAGTATATGCAGAAGAGGTCCCCGCTGCCCGTGCCCG
 TGCCTGGACTACAGAGTCCCCGATGGTGTACACATTGAATATCCAGGATGGAGAAGCCACATGCTAC
 TCACCAAGGGGAGAAATTATCACAGTAGCCTAGGCACACGTTGTGAGCTCTCCTGTGACCGGGGCTTTC
 GATTGATTGGACGGAAGTCAGTGAATGTTTGCCAAGCCGGCGTGGTCTGGAAGTGCCTACTGCAGGCA
 GATAAGGTGCCACACACTGCCATTCATCACTAGTGGCACCTATACGTGCACCAATGGAATGCTGTTGAC
 TCCCGTTGTGACTATAGCTGTTCTAGTGGCTACCACCTAGAAGGAGATCGCAGCCGCATCTGCATGGAAG
 ATGGGCGATGGAGTGGAGGCGAGCCTGTATGTGTAGACATAGATCCACCAAGATCCGTTGCTCACTC
 TCGTGAGAAAATGGCAGAGCCAGAGAACTAACTGCTCGAGTATACTGGGACCCACCTTAGTAAAGAT
 TCTGCTGATGGTACCATACCAGGGTGACACTTCGGGGTCCAGAGCCTGGTTCTCACTTCCCTGAAGGAG
 AACATGTGATTGTTTACTGCCTATGACCGAGCCTACAACCGGGCCAGCTGCAAATTCATTGTAAGTAAAGT
 ACAAGTGAGACGCTGTCCATTCTGAAGCCACCACAGCACGGCTACCTCACCTGCAGCTCAGCGGGGAC
 AACTATGGTGCCATCTGTGAATACCACTGTGATGGTGGTATGAACGCCAGGGGACCCCATCCCAGTCT
 GCCAGTCAAGTCGACAGTGGTCAGGAACACCACCTGTCTGTACTCCTATGAAGATTAATGTCAATGTTAA
 CTCGGTCTGCTGGCCTCCTGGATCAGTTCTATGAGAAACAGCGACTCCTCATAGTCTCTGCTCCTGATCCC
 TCCAATCGGTAACAAAATGCAATCTCTATGCTGCAGCAATCCACCTGTGGACTCGACCTGCGGCATG
 TGACCATTATTGAGCTGGTGGGACAGCCACCTCAGGAGGTGGGGCGCATCCGGGAGCAACAACATCAGC
 AGGCATCATTGAGGAGCTCAGGCAATCCAGCCCTCACTCGTTTCTACTTCAACATGGTGTAAATTGAC
 AAGCAGGGTATTGACCGGAACGCTATATGGAACCTGTACCCCTGAGGAAATCTTCACATTCATCGATG
 ACTACCTGCTGAGCAATGAGGAGCTGGCAGGAGAGTGGAGCAGAGGGACCTATGCGAGTGACCTTGAGT
 CAGGGTGTGGCTGAAGCACCTGTCTAGGGAGCTTAACTAAGGAGGAAATGTCGTGTCCTCCCCCCCC
 ACACACACACACACACTGTTGGGAGCAGCCCTCGGGTGGGGTGGAGTTTGCCAAATCTAGGACAGTT
 CCAGGCAGCATTTAGGGCAGAATATTCATTTCCCTAAGCAAGTCTCCACTTCGGGTAGCACTGGAGGAG
 CCTATGAAACTGAGGACATGCCCTGGGTGGTGTAGTGTAGACCGAAGGCCTTCTTCACTGCCTGGAGCC
 TCTCTCTAGACTCTTCCCAAAGCCTTTCAGATAAGTAAATACCAAATTCATTCCTTTAAAAA AAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026838

Insert Size: 1404 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: [BC028307](#), [AAH28307](#)

RefSeq Size: 2034 bp

RefSeq ORF: 1404 bp

Locus ID: 68792

UniProt ID: [Q8R054](#)

Cytogenetics: X E3

Gene Summary: Acts as a ligand for the urokinase plasminogen activator surface receptor. Plays a role in angiogenesis by inducing endothelial cell migration and the formation of vascular network (cords). Involved in cellular migration and adhesion. Increases the phosphorylation levels of FAK. Interacts with and increases the mitogenic activity of HGF. Promotes synapse formation. Required for ultrasonic vocalizations.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. The encoded protein contains an in-frame start site 41 codons upstream of the currently annotated site, but Kozak sequence considerations and the presence of a signal peptide in the shorter version make the shorter version the more likely protein product.