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Product datasheet for MC219076

Srpk3 (NM_019684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srpk3 (NM_019684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srpk3
Synonyms:	Mssk1; Stk23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219076 representing NM_019684
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTGCCAATGCCGGTGGTAGTGGTAGTGTGGATTGTGGCGGCAGCAGCAGCAGCTCTCAGACTTCCT
GTGGGCCTGAGTCCTCAGGCTCTGAATTAACTCCAGCCACACCAGCACCTCGTTTGCTGCAGGGACTCCT
GGGCTCTGATGATGAGGAACAGGAAGACCCTAAGGACTATTGCAAGGGTGGTTACTACCCAGTGAAGATC
GGTGATTTGTTCAATGGGCGGTACCATGTGGTGCGAAAGCTAGGCTGGGGCCATTTCTCTACAGTCTGGC
TCTGCTGGGATATTCAGCGCAAGCGCTTTGTGGCCCTGAAAGTGGTGAAGAGTGCAGGACATTACACTGA
GACAGCCGTGGATGAGATCAAGCTCCTGAAATGTGTCAGGGACAGTGACCCTAGTGACCCCAAAAGGGAG
ACCATTGTTCAACTTATCGATGACTTCAGGATCTCAGGAGTAAATGGAGTCCATGTATGCATGGTGCTAG
AGGTCCTGGGCCACCAGCTCCTCAAGTGGATCATCAAATCCAACTACCAGGGTCTGCCTGTGCCCTGTGT
TAAGAGCATTGTTAGACAGGTGCTGCATGGTCTGGATTACCTCCATACTAAGTGCAAGATCATCCATACG
GACATCAAGCCTGAGAACATCTTACTGTGTGTTGGAGATGCCTACATCAGGCGCCTGGCTGCTGAAGCCA
CAGAGTGGCAGCAGTCAGGGGCCCAGCCCCCATCCCGTTCCACAGTCAGCACTGCCCCCCAGGAGGTCTT
GATTGGCAAGCTGTCCAAAAACAAGAGGAAGAAGATGAGGCGCAAAAGGAAGCAACAGAAGAGGCTGCTG
GAGGAGCGGCTGAGGGACTTGCAGAGGCTAGAGGCTATGGAGGCCGCAGTACAAGCTGAGGACTCCAGCT
CAAGACTAGAACGGGGCAGCGGCTCCACCTCTTCTTCAGGCTGCCACCCGGAGGGCACCAGAGCTGGCCC
TTCTCCAGCCTCTTCTTCCCCTGTGCCTGGGGGGGAACGAAGCCTTAGTCCCAGCTCGCAGACCTCAGGT
TTTTCAGGGTCCCTGTTCTCCACGGCTTCCTGCTCCATCCTCTCAGGTTCATCTAATCAGCGTGAGACTG
GAGGTCTTCTATCTCCTAGCACACCATTTGGTGCTTCCAATCTCCTAGTGAACCCTCTGGAGCCCCAAAA
TGCAGACAAGATCAAGATCAAGATTGCAGACCTTGGCAACGCCTGCTGGGTGCACAAGCACTTCACTGAG
GATATTCAGACTCGGCAGTACAGGGCCGTGGAGGTGCTGATCGGTGCCGAGTATGGGCCCCCAGCTGACA
TCTGGAGCACAGCATGCATGGCTTTTGAGCTGGCCACTGGTGACTACCTATTTGAGCCCCACTCTGGAGA
AGACTACAGTCGTGATGAGGACCACATTGCTCATATCGTGGAACTTCTAGGAGACATCCCTCCAGCTTTT
GCCCTCTCAGGCCGATATTCACGGGAGTTCTTCAACCGTAGAGGAGAGCTGCGCCACATCCCCAACCTCA
AGCACTGGGGCCTATATGAGGTGCTCATGGAGAAGTATGAGTGGCCCCTGGAGCAGGCCACACAGTTCAG
TGCCTTCCTGTTGCCCATGATGGAGTACATCCCTGAGAAGCGGGCCAGTGCTGCCGACTGCCTCCAGCAT
CCCTGGCTTAATCCATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019684

Insert Size: 1698 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_019684.2, NP_062658.1
RefSeq Size:	2000 bp
RefSeq ORF:	1698 bp
Locus ID:	56504
UniProt ID:	Q9Z0G2
Cytogenetics:	X A7.3
Gene Summary:	Serine/arginine-rich protein-specific kinase which specifically phosphorylates its substrates at serine residues located in regions rich in arginine/serine dipeptides, known as RS domains. Phosphorylates the SR splicing factor SRSF1 and the lamin-B receptor (LBR) in vitro. Required for normal muscle development.[UniProtKB/Swiss-Prot Function]