

Product datasheet for **RR207538**

Srpk3 (NM_184045) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srpk3 (NM_184045) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Srpk3
Synonyms:	Mssk1; Stk23
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR207538 representing NM_184045
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGCCAGTCCCGTGGTAGTGGTGGTATGGACTGTGGTGGCAGCAGCAGCAGCTCTCAGACTTCTCT
 GTGGCCTGAGTCTCAAGCTCTGAATTAGCTCCAGCCACACCAGCACCTCGTTTCTGTCAGGGACTCCT
 GGGCTCTGATGATGAGGAGCAGGAAGACCCTAAGGATTATTGCAAGGGTGGTTACTACCCAGTGAAGATC
 GGTGATTTGTTCAATGGGCGGTACCATGTGGTACGAAAGCTAGGCTGGGGCCATTCTCTACTGTCTGGC
 TCTGCTGGGATATTCAGCGCAAGCGCTTTGTGGCTCTGAAAGTAGTGAAGAGCGCAGGACATTACACAGA
 GACAGCCGTGGATGAGATCAAGCTCCTGAAATGTGTTCCGGACAGTGACCCTAGTGACCCAAAAGAGAG
 ACCATTGTTCACTTATCGATGACTTCAGGATCTCAGGATTAATGGAGTCCATGTATGCATGGTGTAG
 AGGTCCTGGGCCACCAGCTCCTGAAGTGGATCATCAAGTCCAATTACCAGGGCTGCCTGTGCCCTGTGT
 TAAGAGCATCGTTAGGCAGGTGCTGCATGGTCTGGATTACCTCCATACTAAGTGAAGATCATCCATACG
 GACATCAAGCCTGAGAACATTCTACTGTGTGTTGGAGATGCCTACATCAGGCGCCTGGCTGCTGAAGCCA
 CAGAGTGGCAGCAGTCCAGGGGCCAGCCCCATCCCGCTCCACAGTCAGCACTGCCCCCAAGGAGTCTT
 GCTGTCCAAAAACAAGAGGAAGAAGATGAGGCGCAAAAGGAAGCAACAGAAAAGGCTGCTGGAGGAGCGG
 CTGAGGGACTTGACAGAGGCTGGAGGCTATGGAGGCTGCAGTACAACTGAGGACTCCAGCTCAAGACTAG
 AGCAGGGCAGTGGCTCCACCTCTTCTCAGGCTGCCACCCGGAAGGCACCAGGGCTGGCCCTCTCCAGC
 CTCTTCTCCCTGTGCCACTGGGGGGAACGCAGCCTTAGTCCCAGCTCGCAGACCTCAGGCTTCTCA
 GGGTCCCTGTTCCACGGCTTCTGCTCCGCTCTCAGGCTCATCTAATCAGCGTGAGACTGGGGGTC
 TCCTGTCTCCTAGCACACCAATTTGGTGTCTCAACCTCCTGGTGAACCCCTGGAACCTCAAAATGCAGA
 CAAGATCAAGATCAAGATTGACAGACCTTGCAATGCCTGCTGGGTGCACAAGCACTTCACTGAGGATATT
 CAGACTCGGCAGTACAGGGCCGTGGAGTCTGATTGGTGTGAGTATGGCCCCCAGCTGACATCTGGA
 GCACAGCATGCATGGCTTTTGGCTGGCCACTGGTACTACCTATTTGAGCCTCACTCTGGAGAAGACTA
 CAGTCGTGATGAGGACCACATTGCTCATATCGTGGAACTTCTAGGAGACATCCCTCCAGCTTTTGCCTC
 TCAGGCAGATATTCACGGGAGTTCTTCAACCGTAGAGGAGAGCTGCGGCACATCCACAACCTCAAGCACT
 GGGGCCTATATGAGGTGCTCATGGAGAAGTATGAGTGGCCCTGGAGCAGGCCACACAGTTCAGTGCCTT
 CCTGTTGCCCATGATGGAGTACATCCCTGAGAAGCGAGCCAGTGTGCCGACTGCCTCCAGCATCCCTGG
 CTTAATCCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207538 representing NM_184045
 Red=Cloning site Green=Tags(s)

MSASAGSGGMDCGSSSSSQTSCGPSSSSSELAPATPAPRLLQGLLGSDDDEEQEDPKDYCKGGYYPVKI
 GDLFNGRYHVVRKLGWGHFSTVWLWDIQRKRFVALKVVKSAGHYTETAVIDEIKLLKCVRSDSPDPKRE
 TIVQLIDDFRISGVNGVHVMVLEVLGHQLLKIWSNYQGLPVPVKSIVRQVLHGLDYLHTKCKIIHT
 DIKPENILLCVGDAYIRRLAAEATEWQQSGAQPSPSRSTVSTAPQEVLLSKNKRKMRKRKQQRLLLEER
 LRDLRLEAMEAAVQTEDSSSRLEQSGSTSSSGCHPEGTRAGPSPASSPVPTGGERSLSPSSQTSGFS
 GSLFSTASCSVLSGSSNQRETGGLLSPSTPFGASNLLVNPLEPQNADKIKIKIADLGNACWVHKHFTEI
 QTRQYRAVEVLIGAEYGPADIWSTACMAFELATGDYLFEPHSGEDYSRDEDHIAHIVELLGDIPPAL
 SGRYSREFFNRRGELRHIHNLKHVGLYEVLMEKYEWPLEQATQFSAFLLPMEYIPEKRASAADCLQHPW
 LNP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

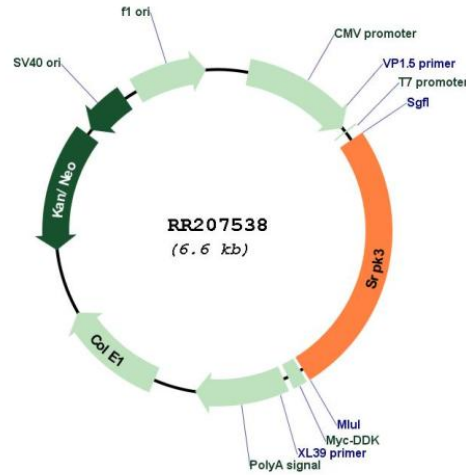
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_184045
 ORF Size: 1689 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:	NM_184045.2 , NP_908934.1
RefSeq Size:	1983 bp
RefSeq ORF:	1692 bp
Locus ID:	293854
Cytogenetics:	Xq37
MW:	62.2 kDa
Gene Summary:	human homolog is a serine/threonine kinase [RGD, Feb 2006]