

Product datasheet for RN210214

Srm (NM_053464) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srm (NM_053464) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210214 representing NM_053464 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCTGGCCCCGACGGCCAGCCGCGCCCGCCCGCCCATCCGTGAGGGTTGGTCCGAGAGA
CCTGCAGCCTGTGGCCTGGCCAGGCCCTGTCGCTGCAAGTGGAGCAGCTGCTGCACCACCGCGCTCGCG
GTACCAAGACATCCTCGTCTTCCGCAGTAAAACCTACGGCAACGTGCTGGTCTGGATGGCGTCATCCAG
TGTACCGAGAGGGACGAGTTCTCCTACCAGGAGATGATAGCCAACCTGCCGCTCTGCAGCCACCCCAACC
CGCGGAAGGTGCTGATCATCGGGGGTGGAGATGGGGCGTCTACGGGAAGTGGTGAAGCACCCCTCTGT
GGAGTCTGTGGTCCAGTGCAGATCGATGAGGATGTCATTGAGGTCTTAAGAAGTTCCTGCCTGGCATG
GCCGTTGGCTACTCCAGCTCAAAGCTGACTCTCCACGTGGCGATGGCTTTGAGTTCATGAAGCAGAACC
AAGATGCCTTTGATGTCATCATCCGACTCCTCAGACCCATGGGCCCTGCTGAGAGCCTCTTCAAGGA
GTCCTATTACCAGCTCATGAAGACAGCCCTCAAAGAAGATGGCATCCTCTGTTGCCAGGGCGAGTGCCAG
TGGCTGCACCTGGACCTCATCAAGGAGATGAGGCATTTCTGCAAGTCTCTTCCCTGTGGTGAGCTATG
CCTACTGTACCATTCCCACCTATCCAGTGCCAGATCGGCTTCATGCTGTGTAGCAAAAACCCGAGCAC
CAACTTCCGGGAGCCCGTGCAGCAGCTGACACAGGCCAGGTAGAGCAGATGCAGCTGAAGTACTATAAC
TCAGACATGCACCGCGCGCCTTCGTGCTGCCAGAGTTCACCCGAAAGGCCCTGAATGACATAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053464
Insert Size:	909 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:	<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_053464.2, NP_445916.1</u>
RefSeq Size:	1265 bp
RefSeq ORF:	909 bp
Locus ID:	84596
Cytogenetics:	5q36
Gene Summary:	human homolog catalyzes the conversion of S-adenosylmethioninamine and putrescine to 5'-methylthioadenosine and spermidine [RGD, Feb 2006]