

Product datasheet for **MC203814**

Srr (NM_013761) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Srr (NM_013761) Mouse Untagged Clone
Tag: Tag Free
Symbol: Srr
Synonyms: M100034; Rgsc34; Srs
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011164
 CGGACGCGTGGGTCCAGCAGAGGCTCGGAGGTGGAGGCGCAGCGCTCTGGAGGCGAGTATTTCTAAATG
 ACCTTACACCCCTTTGCCACACTGGTCTGGGCCAAGATGGCCAATCAAAGTCTTACCCAGAATTTTTT
 GAACTGAAATTGAGAGAGAATCCCTCTTACAGTATGGAAGCCATAAAATGTAAAACACAGGAGCTGTGAGC
 AGCCATGTGCTCAGTACGGAGCCAGCTGGTCTGCTGTGAGAAGGAAGCCGCCGTGCCAGAGGCGAGCA
 GAGAACCATGTGTGCTCAGTACTGCATCTCCTTTGCTGATGTTGAAAAAGCTCATATCAACATTCAGAGC
 TCTATCCACCTCACCCAGTGCTAACAAGTCCATTTTGAATCAAATAGCAGGGCGCAATCTTTTCTTCA
 AATGTGAGCTCTCCAGAAAAGTGGTCTTTTAAAGATTCGAGGTGCCCTAATGCCATCAGAGGCTTAAT
 TCCTGACACGCCAGAAGAGAAGCCAAAGCCGTAGTACTCACAGCAGCGGAAACCATGGCCAAGCTCTC
 ACCTATGCTGCTAACTGGAAGGAATTCCTGCTTACATTTGTGGTTCCTCAACAGCTCCCAACTGCAAGA
 AACTGGCAATCCAAGCCTATGGAGCATCGATAGTATACTGTGACCCAAGTGACGAGTCCAGAGAAAAGGT
 CACTCAAAGAATTATGCAAGAAAACAGAAGGCATCTTGGTCCATCCAACAGGAGCTGCAGTGATAGCT
 GGACAAGGAACAATTGCCCTGGAAGTGCTGAACAGGTTCCCTTGGTAGATGCACTGGTGGTACCAAGTAG
 GAGGAGGAGGAATGGTTGCTGGAATAGCCATTACAATTAAGGCCCTGAAACCTAGTGTGAAGGTATACGC
 TGCTGAGCCCTCGAATGCAGATGACTGCTACCAGTCTAACTGAAAGGAGAACTGACCCCAATCTTCAT
 CCTCCAGAAACCATAGCAGATGGTGTCAAATCCAGCATTGGCTTGAATACCTGGCCTATTATAAGAGACC
 TTGTGGATGATGTCTTCACTGTCACCGAAGATGAAATCAAGTATGCAACCCAGCTGGTGTGGGGGAGAAT
 GAAACTGCTCATTGAGCCGACTGCTGGCGTGGCACTGGCTGCAGTGTCTCAGCATTTCAAAACAGTC
 TCTCCAGAAGTAAGAACGCTCTGCATTGTACTCAGTGGGGGGAATGTAGACCTAACCTCCCTGAAGTGGG
 TGGGGCAGGCTGAACGGCCAGCTCCTTACCAGACGGTTTCTGTTTAAATTCAGGCAAGATTGTCTCTAGA
 TGAATAATTTGTTTCCATCTTCCCTTTAAAAATTATGTTCAAATCCTAATGAAGAAAGTGAAGTAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_013761
Insert Size: 1020 bp



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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:	BC011164 , AAH11164
RefSeq Size:	1411 bp
RefSeq ORF:	1020 bp
Locus ID:	27364
UniProt ID:	Q9QZX7
Cytogenetics:	11 B5
Gene Summary:	<p>Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>