

Product datasheet for MC203556

Spock2 (NM_052994) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spock2 (NM_052994) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spock2
Synonyms:	AA407235; Gcap26; mKIAA0275
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057324
 CCTCTCCGCGTCCAGCGCTGGGCTTTTTTCAGACAAGTGCATCTGCTAACCAGGTCACATTTTCAGCCACGA
 CCCACCCCTCCGTCAGTCACTGGAGTCAGACAGCAGGAGGAGGGCTGAGGAGGACCCAGCGCTTCGCCAG
 TGGCGCGGTGGAGGGAAGGACATCAAATCTGCTGAAAGTCCAGACCCCCAGGTCCAAGCCAGACCAC
 GATGCGCGCTCCAGGCTCCGGGCGGCTGGCTCTGCGGCTGCTGCTCCTCGCCGTGGTCGCTTGGCTGAA
 GGCGACGCCAAGGGGCTCAAGGAGGGCGAGACCCCGCAATTTTCATGGAGGACGAGCAATGGTGTGCT
 CCATCTCGCAGTACAGCGGCAAGATTAAGCACTGGAACCGCTTCCGAGACGAGGTAGAAGATGATTACAT
 CAAGAGCTGGGAAGACAATCAGCAAGGAGATGAAGCTCTGGATACCACCAAGGACCCCTGCCAGAAGGTG
 AAGTGCAGTCGCCACAAGGTGTGTGTTGCTCAAGGCTACCAGCGCCATGTGCATCAGCCGCAAGAAGT
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 CTAAGTGGCTTACCACCGACAGCAAGTCAGAGACCTGCACAGGGCAGGACCTGGCCGACCTGGGGATAG
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 AACTAGTGGAGACCTCTTCTGGACCAGACAGAACTGGCTGCCATCAACCTGGACAAAACAGAGGTCTG
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 AGAAGCCAGGTGTCTTCAATCCCGAGCTGTGATGAAGATGGCTACTACCGGAAGATGCAGTGTGACCAG
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 AGGAGACAGAAGAGGCAGGGGAGGAGGCCGAGGAGGAGGAGGTTGAGGCGGTGAGGCAGATGATGGAGG
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 GAGT
 GAGT
 CAAAGGTCCCTATGTTATTGATTTTCAAATGCACACTTTCACACACAAGGATACACTAACAGACAAAAT



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CAATGAGATGTCCTGATCCTGCCCTCAGCCCAACACCTGGAATCCCTGCCCTGCCTAATCAGCCCTAC
 CCCATCCTGCCTTTCTTCTTCTTCTTCTGAGGCCAGGGAGAGGGAGGGAGGGCAGGCAGCTGAAAGCTG
 AGCGTCTCCCAAAATGGGCTGATTTGATATGAAAGCCCCACCACGGTCTTGTGGTGATGAGGCAGGAC
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 CTGTCTCAAGGGTCCCAAGATGGCCCTAGAAGAACCATGCCCCAGACTCTATTTAAAGCCCTATAGCAT
 ATATGAATAGAGAACGGTGTATCTATCAGAGGGGACCACACTGAGCAGCTAGGCCCTGATGCCATGCCTC
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 CTATTGCTCCCCACTTCCCCCTCTCAAAGGAAATTTCTTGATATATTTGATGAAGAATTCCTACCTGG
 GCCTCTGATACCTTTGGTACGCGTACGTGTGTGTGGCGGTATACGTGTGTGTGTGTGTGTGTGTGT
 GTGTGTGTGTGTGTGTGTGAA
 GAGAGAGAATGAGAGAGAGAATACCCGAGGGCCACCCTGATGCCAGGAAGAGTGAGGGCAGCCCCCTGT
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 GGGAAATACGGAAATGTCACCAAGCTCCATAAAGTGCTTCTCATTCCACGACACAGTTCTGACTCTCCGGG
 TGA CTGTACCTGCTCCATCCTTCTTCTCCTCCCTCCTCAGACCTCTGCAACCATCCTCTGGTC
 CCTGGCTCAGTCACATCAGCCCTCTGCATTCTAGAAGCAGCCATCCCGCCCCCTCTCTCTCCCCCTCC
 TCCCCCTCCTCCTCCCTCCAGCTGGAGTACTTGA AACTCTCTGCTCTCGCTAGGATGGAGTCTGATTCT
 TTCTCTGCCCCAGCTGGATTTCCAGAACATCCCGGGTAGCTGTGAAGGATTTTAGGCTCTCTGGGGTGG
 GGAGGGGTGGTGTAGAGGAAGACGCATCCCTTCTTTCACCCTGCCCGCCCTGCCCGCTGGGGAGCT
 ATGCTCTGTGTCCCTGGATCTTCTGGTTTTGTATCTGATGTAGTAAACATGTTTTAGTAAAGAAAAA AAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_052994
- Insert Size:** 1272 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: [BC057324](#), [AAH57324](#)
RefSeq Size: 3931 bp
RefSeq ORF: 1272 bp
Locus ID: 94214
UniProt ID: [Q9ER58](#)
Cytogenetics: 10 B4
Gene Summary: May participate in diverse steps of neurogenesis. Binds calcium (By similarity).
[UniProtKB/Swiss-Prot Function]