

## Product datasheet for **MR215695**

### **Ssc4d (NM\_001160366) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ssc4d (NM_001160366) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssc4d
Synonyms:	C330016E03Rik; S4D-SRCRB; SRCRB-S4D; Srcrb4d
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR215695 representing NM\_001160366  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGACCGTCGAAAGGCCATCCATTGGCTGGACACCCAAGGAAGCAGAGATGCAAATTGGCCCCAGC  
 CTGATGGATGGAGCAGGGGATGGAAGCCTGGGGACAGGGGTGCTGTCCCCTGCCCTCTCCCCAGCACT  
 GTCCTTCTCCTTCTGTTCCCACTGGCCAGTGCCTCCAGCCACTCCGCTGCCCTTCCAGAAGTGAAG  
 CTGGTAGGGGGCCGAGCCGCTGCCAGGGCGCCTCGAGGTCATGCATAGCGGCTCTGGGGCAGCGTTT  
 GCGACGATGACTGGGACGTTGTAGATGTAACGTGGTGTGTCGTCAGCTGGGCTGTGGCCTGGCATTGCC  
 GGTGCCACGGCCCTCGCCTTTGGCCAGGGCAGAGGGCCATTTCTGGATAATGTGGAGTGCCGCGGG  
 CAGGAAGCGTCTCTGAGCGAGTGTGGCAGCAGGGGCTGGGGTGTCCACAAGTCTTCACTATGAAGATG  
 TGGCAGTCTGTGTGATGAATTTTGCACACACAGCCCCAACGAAGGTGTTAACCAGTATGGCACC  
 CGCTACAGCCCTCAAAAATGAAAAGGTGAGGGCAGTGTGCGTCTGGTGGGCGGCCAGCCCGTGTCAA  
 GGCCGAGTGGAGATTCTGCATGGTGGCGTCTGGGGCACTGTATGCGACGATGACTGGGGGCTGCAGGATG  
 CTGCTGTTGTGTGCCGCCAGCTGGGCTGTGGGGTGCCTTGGCCGCCACCACTAATGCCTTTTTCGGCTA  
 TGGTACCGGGCATATCCTGCTGGACAATGTTCACTGCGAAGGTGGCGAGCCCCGCCTGGCAGCCTGCCAG  
 AGCCTAGGCTGGGGCGTGCACAACTGCGGACACCACGAGGATGCTGGGGTGTCTGTGCAGTTCTAAGCC  
 CTCCGACTTCCACAGCTCGCTCCGTCTGTCAAAAAGAAGACTGGGCACGGCACACTGGGCCAGCAGC  
 TACAGGAGTTGGTGCCTCACCTCCAGGGACACTGTGTGGCTGACGACAGCAGCCCGGCCCTCAGGGAAG  
 AAAAGCGGAAGGCTGAGGCTGGTCGGGGCCCGAGCCCGTCCCGCGCCCGCTGGAGGTGCTGTACGCCG  
 GGGGTTGGGGCACCGTGTGCGACGATGACTGGGACTTCCGGGACGCGCGGGTGGCCTGTCCGCGAGCGGG  
 TTGCGGGCCCGCCTAGGCGCCACGGGCTTGGTCAATTTGGCTATGGCCGAGGCCCTGTGCTGTAGAC  
 AACGTAGGCTGCACCGGACTGAGGCCCGCCTCAGCGACTGCTTCCATCTGGGCTGGGGACAGCACAACT  
 GCGGCCACCACGAAGACGCCGGAGCGCTTGTGCGAGGCCAGAGGAACTGGGACTCCAAGTCCAGCAGGC  
 TGGTCTGAGACCACCCGAATGCCAGTCTCGGCCAGAGATGGGCACCTCCGTCTGGCTAGTGGAAACA  
 CACCGATGTGAGGGGCGCGTAGAACTCTTCTAGGACAACGGTGGGGCACTGTTTGTGATGATGCCTGGG  
 ACCTACGGGCAGCATTGCTGTGCCGTGAGTGGGATGTGGCCAGGCTCTCGCAGCCCCGGGAGAGGC  
 CCATTTGGCCCAGGCCAGGCCAATCCTCTTGGACAATGTCAAATGCCGAGGAGATGAGAGCACCTTG  
 CTACTGTGCTCTCATATCCGCTGGGATGTCCACAAGTGTACCACAGCGAGGATGCCAGTGTCTTGTGCC  
 AGCCATTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR215695 representing NM\_001160366  
 Red=Cloning site Green=Tags(s)

MGPSEKPSIGWTPKEAEMQIGPQPDGWSRGWPKGDRGAVPLPLSPALSFLLLFPALASALQPTPLPFPELR  
 LVGGPSRCRGRLEVMHSGSWGSVCDDDDWVDANVVCRLGCGALPVPRLAFGQGRGPIFLDNVECRG  
 QEASLSECGSRGWVHNCFHIEDVAVLCDFLHTQPPTKVLTSMPATLQNGKGEVSVRLVGGASPCQ  
 GRVEILHGGVWGTVCDDDWGLQDAAVVCRQLGCGVALAATTNAFFGYGTGHILLDNVHCEGGEPRLAACQ  
 SLGWGVHNCGHEDAGVLCVLPSTALPPSVTKEDWARHTGPAATGVGASPSRDTVWLTAAARASGK  
 KSGRLRLVGGPSPCRGRVEVLVAGGWGTVCDDDDWDFADARVACREAGCGPALGATGLGHFGYGRGPVLLD  
 NVGCTGTEARLSDCFHLGWQHNCGHEDAGALCAGPEELGLVQVQAGSETTRMPSRPRDGHRLASGT  
 HRCEGRVELFLGQRWGTVCDDAWDLRAAIVLQRQLGCGQALAAPGEAHFGPGRGPIILLDNVVKCRGDESTL  
 LLCSHIRWDVHNCDSHEDASVLCQPL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001160366

ORF Size: 1758 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:
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\\_001160366.1](#), [NP\\_001153838.1](#)

RefSeq Size: 2728 bp

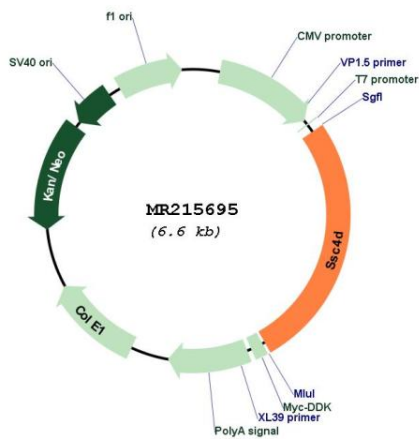
RefSeq ORF: 1761 bp

Locus ID: 109267

UniProt ID: [A1L0T3](#)

Cytogenetics: 5 G2  
 MW: 61.9 kDa

**Product images:**



Circular map for MR215695