

## Product datasheet for **MC220668**

### Scrib (BC060689) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scrib (BC060689) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scrib
Synonyms:	Scrb1, mKIAA0147, CRIB, SCRIB1, vartul
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC060689  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGCTGAAGTGCATCCCCTCTGGCGTTGTAACCGGCACGTGGAGTCGGTGGATAAGCGGCACTGCTCGC  
 TGCAGGTTGTGCCAGAGGAGATTTACCGCTACAGTCGTAGCCTCGAGGAGCTGCTCCTCGACGCCAACCA  
 GCTGCGCGAGCTACCTAAGCCCTTCTTCCGACTGTTGAACTTGAGAAAAGTTGGGCCCTCAGTGACAACGAG  
 ATCCAGCGGCTGCCTCCTGAAGTGGCCAACTTCATGCAGCTGGTGGAGCTAGATGTGTCCCGAACGATA  
 TTCCTGAGATACCTGAGAGCATAAAGTTCTGTAAGGCTCTGGAGATTGCAGACTTCAGTGGGAACCCCT  
 GTCTAGACTTCCGGATGGCTTACACAGCTACGCAGCCTGGCTCACCTGGCCCTGAATGACGTGTCCCTG  
 CAGGCACTGCCTGGAGATGTGGCAACCTGGCCAACTCTGGTGACCCTGGAACCTCCGGGAGAACCTGCTTA  
 AATCTCTCCCTGCGTCCCTGTCTTCTGGTGAAGCTGGAACAGCTGGATCTGGGAGGCAACGACCTGGA  
 AGTGTGCTGACACCTGGGGCTCTGCCTAACCTTCGGGAGCTATGGTTAGACCGAAACCAACTGTCA  
 GCCTGCCCGGAGCTAGGCAATCTGCGGCGGCTGGTGTGCCTGGATGTGTGAGAGAACAGGCTGGAGG  
 AGCTGCCTGTGGAGTTGGGTGGGCTGGCACTGCTCACGGATCTGCTGCTTCCCAGAACTTGCTTACGG  
 GCTGCCAGAGGGCATCGGTGAGCTGAAGCAGCTGTCTATCCTGAAGGTGGACCAGAACCGGCTGTGTGAG  
 GTCAGTGAAGGCAATAGGGGACTGTGAGAACCTCTCGGAGCTGATCCTCACGGAGAACCTGTTAACGGCT  
 TACCCCACTCGCTGGGCAAGCTGACCAAGCTGACTAACCTCAATGTGGACCGGAACCATCTTGAGGTGCT  
 GCCTCTGAAATCGGAGGCTGTGTGGCCCTTAGTGTCTCTCTTTGAGAGACAATCGCCTGGCTGTCCCT  
 CCTCTGAGCTTGCCCATACCGCTGAGCTGCACGTGCTTGATGTGGCTGGGAACCGGCTGCGGAGTCTCG  
 CGTTTGGCTCACCCACTCAACCTCAAGCAGCTGTGGCTGGCCGAGAACAGGCAACAGCCCATGCTCCG  
 CTTCAGACTGAGGATGATGCCAGACGGGTGAAAAGGTGCTCACCTGCTACCTGCTGCCCGAGCAGCC  
 CTGCCAAGTCTCGAAGACGCTGGACAGCAGAGCAGTCCCTCAGAGAGCTGTAGTGTGCCCTCTGAGCC  
 GTGTGAGTGTATCCAGTTCGAGGACACCTGGAAGGTGAAGAGGATGCTGAGGAAGCTGCGGCCGAGAA  
 GCGGGGCTACAGCGTAGGGCCACACCTCATCCCAGTGAAGTGAAGAGGGGATTGAAGAG  
 CGCCGGAATGAGGCTTTCGTCTGCAAGCCTGACCCAGCCACCTCGCCTTTCAGAGGAGGAGAAGAGGC  
 TGAGTGCAGAGTCTGCCTTGTGAGTGGAGGCTGTCCCCTCAGCAAGCACAGCCTCGGAAGGTGAGCCTGA  
 GATCCTGCCGGCTGAGGTACAAGGGCTAGGCCAGCATGAGGCCATGCCTGCACAGGAGGAGTATACAGAA  
 GACGACTATAACGAGCCACAGTGCATTTGCAGAGGACACACTGATCCCTAGGGAAGACGGTGAAGTG  
 AAGAGGGACAGCCTGAGGCTGCCTGGCCGCTGCCTAGTGCCGGCAGAGGCTCATCCGCAAGACACGCC  
 CCACTACAAGAAGCACTCAAGATCTCCAAGCTCCACAGCCTGAAGCTGTGCTGGCCCTGCTGCAAGGG  
 GTGCAGACCGACAGGGAGGGGCCACTGCAAGTGGCACAATGGCCACACACCTTGGGCTCCTCGAG  
 CCCATGAGGAGGAAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG  
 AGATGACAAGAAGAGGCTGTGGCTTCTGCTCCCTCTGTCAAGGGGGTGTGCTTTGACCAGGCCAATAAC  
 CTGCTGATAGAGCCTGCTCGATTGAGGAGGAAGATTAACACTACGATCGTGGCCAGACGGGGGGCC  
 TGGGATCAGTATCGCAGGGGAAAAGGCTTACCCCTACAAAGGAGATGACGAGGGCATTTCATCTC  
 TCGAGTGTCTGAAGAGGGCCCTGCAGCCGCTGCTGGAGTCCGAGTTGGTGACAACTTCTTGAGGTGAAT  
 GGTGTAGCCTTGACAGGACGCAGACACACGAGGCGTGAAGCACTTCGGGGGGCAGGTGCTGTGTG  
 AGATGCGAGTGTGGAGGAAAGAATGGTGGAGCCGGAGAACGCAGTCACTATTACCCCTTACGCCCTGA  
 AGATGACTATAGTCCCGAGAGTGGCGGGAGGTGGCCTGCGCCTTCCCCTGCTCCAGCCTGAGACTCCT  
 GTATCCCTCCGTGAGCTCATGTGCTGTCTCGTGGCAGTAAAAGGGGCTGGGCTTACGACTTGTG  
 GTGAAAGGGCTCCACACCTTACCGGGCTGGTGTGGGGCATCTTTATATCCCGCATTGCAGAGGGAGG  
 GGCTGCTACCGGGCAGGCACTACAGGTTGGCGACCATCTGCGACCACCGGAGGGAAGACGACTGAGG  
 CTCCTGTCCCCTGGCAGTCAACAACCACCTCCCCTGATGAAGTCCAGCCAAATGTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

<b>ACCN:</b>	BC060689
<b>Insert Size:</b>	2790 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC060689</a> , <a href="#">AAH60689</a>
<b>RefSeq Size:</b>	4321 bp
<b>RefSeq ORF:</b>	2789 bp
<b>Locus ID:</b>	105782
<b>Cytogenetics:</b>	15 35.29 cM
<b>Gene Summary:</b>	Scaffold protein involved in different aspects of polarized cells differentiation regulating epithelial and neuronal morphogenesis. Most probably functions in the establishment of apico-basal cell polarity. May function in cell proliferation regulating progression from G1 to S phase and as a positive regulator of apoptosis for instance during acinar morphogenesis of the mammary epithelium. May also function in cell migration and adhesion and hence regulate cell invasion through MAPK signaling. May play a role in exocytosis and in the targeting synaptic vesicles to synapses. Functions as an activator of Rac GTPase activity. [UniProtKB/Swiss-Prot Function]