

## Product datasheet for **MC210406**

### Spcs2 (NM\_025668) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spcs2 (NM\_025668) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Spcs2  
**Synonyms:** 5730406I15Rik; AA408713; mKIAA0102  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210406 representing NM\_025668  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCAGCGTCGGCGTCGCAGGGTGGGAGAAGCGGCGGTGGCGGAGGCAGTAGTGGGGCTGGCGGCGGCC  
CCAGCTGCGGGACAAGCAGCAGCCGAGTGGTTTGTGGATAAGTGAAGATTGATGATAAGCCTGTAAA  
AATTGATAAGTGGGATGGATCAGCTGTGAAGAAGTCTCTGGATGACTCTGCCAAAAGGTAAGTCTGGAA  
AAGTACAAGTATGTGGAGAACTTTGGTCTCATTGACGGTGCCTCACCATCTGTACCATCTCCTGCTTTT  
TTGCCATCGTGGCTTTGATTTGGGATTACATGCACCCCTTTCCTGAGTCCAAGCCAGTTTGGCTTTGTG  
CGTCATATCCTATTTGTGATGATGGGGATTCTGACCATTTATACCTCATATAAAGAGAAGAGCATCTTC  
CTTGTGGCCACAGAAAAGACCCACAGGAATGGATCCTGATGATATTTGGCAGCTGTCTCCAGCCTCA  
AAAGGTTTGTGACAAAACACCCCTGAAGTTGACCTTCATCAGTGGGAGGACAAAGCAGCAGCGGGAAGC  
CGAGTTCACCAAGTCCATTGCTAAGTTCTTTGACCACAGCGGGACATTGGTCATGGATGCATATGAACCT  
GAAATATCCAGGCTCCATGACAGTCTCGCCACAGAAAAGAAAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_025668  
**Insert Size:** 681 bp



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<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>	<u><a href="#">NM_025668.3</a></u> , <u><a href="#">NP_079944.1</a></u>
<b>RefSeq Size:</b>	2815 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	66624
<b>UniProt ID:</b>	<u><a href="#">Q9CYN2</a></u>
<b>Cytogenetics:</b>	7 E2
<b>Gene Summary:</b>	Component of the microsomal signal peptidase complex which removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum. [UniProtKB/Swiss-Prot Function]