

## Product datasheet for **MC202314**

### Spcs1 (NM\_026911) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spcs1 (NM_026911) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spcs1
Synonyms:	1810004F21Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC049895 sequence for NM_026911 GCCGAAGTGAAACGCTCGGCTGGTGGCCTTGCTCTCCTCGATATCGACCCCGCAAGCTTTACTCCTTA ATAATCGGCTACGTCGGTTTCGTTGTCGGTATCGGTCTTCAGCAACCATGCTGGAACACCTGAGTTCGCT GCCACCCAGATGGATTACAAGGGCAGAACTAGCTGAACAGATGTTTCAGGGGATCATTCTTTTTTCT GCAATAGTTGGGTTTATCTACGGGTACGTGGCTGAACAGTTTGGGTGGACTGTCTACATAGTTATGGCCG GATTTGCTTTCTCCTGTTTGCTGACACTTCTCCATGGCCTATCTACCGCCGCATCCCCTAAAATGGTT ACCTGTTCAAGACTTAGGCACAGAAGACAAGAAATCAGGGGACAGAAAAATTAAGAGGCATGCTAAAAAT AACTGATTGGGACTTTCATGATTCAGCACCTGCTTTTGTTCCTGTGAGATGAGCTGAATTGCTTTCATA AGCAAAACATGAGCTTAAACCGCCTATGTTCTTATAGCACAGCTGTGTCGAGATCTAATTGTCATGGCTT CATTTCTAATCCAAATGATTTTAAAGTTATGACTATTTTATACCATCTCTTCATAAGCTTGTATGGAGA ACAGGAGATACAAGTATGCAATGCTTCTTCCCGTGTGATAATGAATAAACACTTCATAACTTGTA AAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_026911
Insert Size:	309 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).



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**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:** [BC049895](#), [AAH49895](#)

**RefSeq Size:** 712 bp

**RefSeq ORF:** 309 bp

**Locus ID:** 69019

**UniProt ID:** [Q9D958](#)

**Cytogenetics:** 14 B

**Gene Summary:** 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]