

## Product datasheet for **MC220093**

### Scel (NM\_022886) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scel (NM_022886) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scel
Synonyms:	9230114I02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220093 representing NM\_022886  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCAAATTTTCTCTAGAAAAAGTCTCCAACCTGGAATGATCTGAAGAGCGCCCGGGGAGCTGAGC  
 TGAGACAACAGGGTTTTAGGACGTGAACAAAAGAAGGGCTTTCTTACAGGACAACAGCTGGATAAAGAA  
 GCCCCAGAGGAAGAACAAGACGAAATTTAGGACGGTGGTGTCAACCGGCACAACCTCCCATGATGCC  
 TTGGACAGGAAATTAATAGAGAGAGATGAGCCAAAAGCCACAATTAGCCGGTACAGATCTGAGGACATGC  
 TGGACAGAACTGTCTCATTTAGAACGCCACAATCAACCAAGACGCCAGCTGTCAGCTCCTTCAATGC  
 AAACACTACCGCCACAGCTTCAACCCCGCTACCACTCCTGTGAAGAAAAAGAGACAGTCTGGTCCCA  
 CCACCCCTCCTGGTCACAATGCCTCTCCAAGCACAGCAGCCAGCAGAAGGGACCCAGCTCTGCACCCTC  
 CACTCCCCCAAAGCCCTGTTCTCCATTGCTTCTCTAAACCATTGGGGCGGACTAATAGGCAGATACA  
 TGCAGCTACAGCGGGGGCATGTGGAGAAACAGAACGACATGCTGAAAGAAATATAAGGACTGAGGATCTC  
 GATGACATCATCAGGGTGGCGGCTGCACCTTCAAGAACTGACAAGGGTGAAGAATTTGGATAATCTCATCA  
 GAATGAACAAAAGCTTGAACAGAAACCAAGGTCTCGATGGCTCTTCCGAGCAAACCTGAAGGCACAGCA  
 ATTGGACAAAAGAGCCCAGAGTCTTGAAGCCTGATCTATATGAACACACAGACGGACAGAGATGGCAAA  
 GGAAATCAAGCCTTCGGGAGCCTTAAGAAAATCAACCAAGGGCTGACCCCGACAGAAGAAGCCAAGATC  
 TCAGATCAGTTATCAGAACACATGCCACGGCTGAGAGAATCGGCAGAAGAAAACAAGACCTCGATGGACT  
 GATTAAGTGAATCCTGACACAAATAAAAAATGAAGAGGGGCAAGAGCCTTGACAATTTACCAAGGAGTTCTGCAA  
 ACCCCGGAAGTAAACAGAAGCAACAAAGGGGTCCAAGTCTTGACAATTTACCAAGGAGTTCTGCAA  
 GGAGCAGAGCTAACCAAGGGACCAAGACCTGGACAGTCTTATCAAGGTGACCCCTCAGCAACAGAAAG  
 CAGCCAGCACAGTCTTGATGAACTTATTAATACAAGCCCCAAACTATCAAACTACTGCTAGACACCAA  
 GATCTCGATAAGTTCATCAAAGTAAATCCTGATGTTCTCACAAACAACCAAGAAACCATGATGTAGACA  
 GCACCATCAGAGGGAATCCTACAGGGACCAGATGCGAGCAAAGCGAAGAGTTGGACAATCTTATCAAAGT  
 GAAGCCTTCTGCTCTCAGAAACACAAATGGAGGCCAGGACCTAGAAAGCTTAAGTAAAGTAAATCTCAT  
 GTGGCTGAGAAGAATGGGAGGATAGATGGCCAAGCCAATGGATTGACTAACAGTCTGTTCAAGGAGTCCA  
 CAAGAGCCTCGGTCTATTCTTATGAAGCCAGAAACAGTCTCAGCTCCAATTCTGGAAACAAGAATGGTGG  
 ACCCAAGGACACTGTTGTTTATACAAGGACATATGTGGAGAACAGTAAATCACCAAGGATGGTTATCAG  
 GAAAATATCTCAGAAAATATATACAAACCGTTTATTCAACTTCAGATAGGTCTGTCATTGAAAGAGACA  
 TGTGCACTTACTGCCGAAGCCCTTGGGGTGGAAACCAAGATGATTTTATAGATGAATTACAGATCTGTTG  
 CCATTCACCTGCTTTAAGTGTGAAATATGCAACCGCCTCTGGAAAATTTACAGGCAGGAGACAGTATT  
 TGGATCTATAGGCAGACGATACACTGTGAGCCCTGCTACTCTAAAGTGTGGCAAATGGATT**CAGTAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_022886
- Insert Size:** 1959 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:** [NM\\_022886.2](#), [NP\\_075024.2](#)

**RefSeq Size:** 3053 bp

**RefSeq ORF:** 1959 bp

**Locus ID:** 64929

**UniProt ID:** [Q9EQG3](#)

**Cytogenetics:** 14 E2.3

**Gene Summary:** May function in the assembly or regulation of proteins in the cornified envelope. The LIM domain may be involved in homotypic or heterotypic associations and may function to localize sciellin to the cornified envelope (By similarity).[UniProtKB/Swiss-Prot Function]