

## Product datasheet for MR205291

### Scamp3 (NM\_011886) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Scamp3 (NM\_011886) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Scamp3  
 Synonyms: Sc3  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR205291 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTCAGAGCAGAGACACCGGAATCCATTCCCCGACTCCGGCGAGCTTGACAATCCCTTTCAGGACC  
 CAGCTGTGATCCAGCACCGACCCAGCCAGCAGTATGCCACGCTGGACGTCTACAACCCCTTGGAAACCG  
 AGAGCAGCCCCACCAGCCTACGAGCCTCCTGCTCCAGCCCCATCACCTTACCGCCACCCTCAGCTCCC  
 TCTGTACAGTCCCAAGAAAGCTCAGCCCCACAGAGCCAGGAACACGGCTCCTACAGCACCCAGGCCCT  
 CAGCTGCAGCGGCCACTGCTGAGCTGCTGAAGAAGCAGGAGGAACCAACCGCAAGGCAGAGGAGTTGGA  
 CCGCCGGGAGCGAGAAGTGCAGCATGTCGCCCTGGGTGGTGCAGGCACTCGACAGAACTGGCCTCCC  
 CTACCGTCTTTTTGCCCTGTAAGCCTTGTCTTTTCCAAGACATCTCTATGGAGATACCCCAAGAATTTT  
 AGAAGACGGTGTCCACCATGTAACCTCTGGATGTGCAGCACTCTGGCTCTTCTCCTGAACTTCTTCGC  
 CTGCCCTGGCCAGGTTCTGTGTGGACACCGGCAGTGGCTCAGGCTTTGGGCTGTCTATGCTCTGGCTGCT  
 CTTTTCACTCCCTGCTCCTTTGTCTGCTGGTACCGCCGATGTATAAGGCTTCCGGAGTGATGTTTCAT  
 TCAATTTCTTCGTTTTTTCTTCATTTCTTCGTCAGGATGTGTTCTTTGTCTCCAGGCCATTGGCAT  
 CCCAGGGTGGGGCTTACGCGCTGGGTGACTGCTCTGGTGGTGGGATCCAAACCTGCCGTGGCGGTG  
 CTCATGCTGCTCGCCCTGCTTACCAGGCATCGCAGTCTGGGAATCGTGATGCTGAAGCGGATCC  
 ACTCCCTGTACCGCCAAACGGGTGCCAGTCTTTCAGAAAGGCCAGCAAGAATTTGCTGCTGGTGTCTTCTC  
 CAACCCTGCGGTTCAAGTCTGCTGCCAATGCAGCTGCCGGAGCTGCTGAAAATGCCTTCAGGGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205291 protein sequence  
Red=Cloning site Green=Tags(s)

MAQSRDTGNPFPDSELDNPFQDPAVIQHRPSQQYATLDVYNPFENREQPPPAYEPPAPAPSPPLPPPSAP  
 SVQSSRKLSPTEPRNYGSYSTQASAAAATAELLKKQEELNRKAEELDRRERELQHVALGGAGTRQNNWPP  
 LPSFCPVKPCFFQDISMEIPQEFQKTVSTMYLWMCSTLALLLNFFACLARFCVDTGSGSGFGLSMLWLL  
 LFTPCSFVCWYRPMYKAFRSDSSFNFFVFFVFFVFFVQDVFFVLQAIGIPGWGFGSGWVTALVVVGSKPAVAV  
 LMLLVALLFTGI AVLGI VMLKRIHSLYRQTGASFQKAQQEFAAGVFSNP AVR TAAANAAAAGAAENAFRAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_011886

**ORF Size:** 1053 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\\_011886.1](#), [NM\\_011886.2](#), [NM\\_011886.3](#), [NP\\_036016.2](#)

**RefSeq Size:** 1482 bp

**RefSeq ORF:** 1050 bp

**Locus ID:** 24045

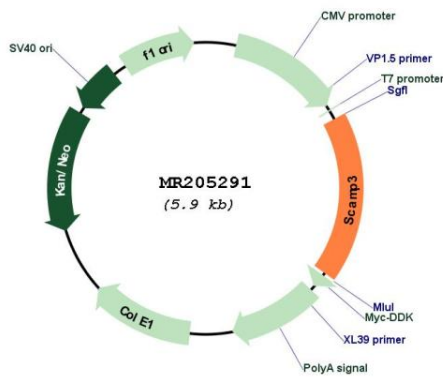
**UniProt ID:** [O35609](#)

**Cytogenetics:** 3 F1

**MW:** 38.6 kDa

**Gene Summary:** Functions in post-Golgi recycling pathways. Acts as a recycling carrier to the cell surface. [UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR205291