

Product datasheet for **MG205291**

Scamp3 (NM_011886) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scamp3 (NM_011886) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Scamp3
Synonyms:	Sc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205291 representing NM_011886 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAGAGCAGAGACACCGGAATCCATTCCCCGACTCCGGCGAGCTTGACAATCCCTTTCAGGACC
CAGCTGTGATCCAGCACCGACCCAGCCAGCAGTATGCCACGCTGGACGTCTACAACCCCTTGGAAACCG
AGAGCAGCCCCACCAGCCTACGAGCCTCCTGCTCCAGCCCCATCACCTTACCGCCACCCTCAGCTCCC
TCTGTACAGTCCCAAGAAAGCTCAGCCCCACAGAGCCAGGAACACGGCTCCTACAGCACCCAGGCTC
CAGCTGCAGCGGCCACTGCTGAGCTGCTGAAGAAGCAGGAGGAACCAACCGCAAGGCAGAGGAGTTGGA
CCGCCGGGAGCGAGAAGTGCAGCATGTCGCCCTGGGTGGTGCAGGCACTCGACAGAACAAGTGGCCTCCC
CTACCGTCTTTTTGCCCTGTAAGCCTTGTCTTTTCCAAGACATCTCTATGGAGATACCCCAAGAATTTT
AGAAGACGGTGTCCACCATGTAACCTCTGGATGTGCAGCACTCTGGCTCTTCTCCTGAACTTCTTCGC
CTGCCTGGCCAGGTTCTGTGTGGACACCGGCAGTGGCTCAGGCTTTGGGCTGTCTATGCTCTGGCTGCTC
CTTTTCACTCCCTGCTCCTTTGTCTGCTGGTACCGCCGATGTATAAGGCTTCCGGAGTGATAGTTTCAT
TCAATTTCTTCGTTTTTTCTTCATTTTCTTCGTCAGGATGTGTTCTTTGTCTCCAGGCCATTGGCAT
CCCAGGGTGGGGCTTACGCGCTGGGTGACTGCTCTGGTGGTGGGATCCAAACCTGCCGTGGCGGTG
CTCATGCTGCTCGCCCTGCTTACCAGGCATCGCAGTCTGGGAATCGTGATGCTGAAGCGGATCC
ACTCCCTGTACCGCCAAACGGGTGCCAGCTTTCAGAAAGGCCAGCAAGAATTTGCTGCTGGTGTCTTCTC
CAACCCTGCGGTTCAAGTCTGCTGCCAATGCAGCTGCCGGAGCTGCTGAAAATGCCTTCAGGGCCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205291 representing NM_011886
 Red=Cloning site Green=Tags(s)

MAQSRDTGNPFPPDSGELDNPFQDPAVIQHRPSQQYATLDVYNPFENREQPPPAYEPPAPAPSPLPPPSAP
 SVQSSRKLSPTEPRNYGSYSTQASAAAATAELLKKQEELNRKAELDRRERELQHVALGGAGTRQNNWPP
 LPSFCPVKPCFFQDISMEIPQEFQKTVSTMYLLWMCSTLALLLNFFACLARFCVDTGSGSGFGLSMLWLL
 LFTPCSFVCWYRPMYKAFRSDSSFNFVFFVFFIFFVQDVFFVLQAIGIPGWGFSGWVTALVVVGSKPAVAV
 LMLLVALLFTGI AVLGI VMLKRIHSLYRQTGASFQKAQQEF AAGVFSNP AVRTAAANAAAAGAENAFRAP

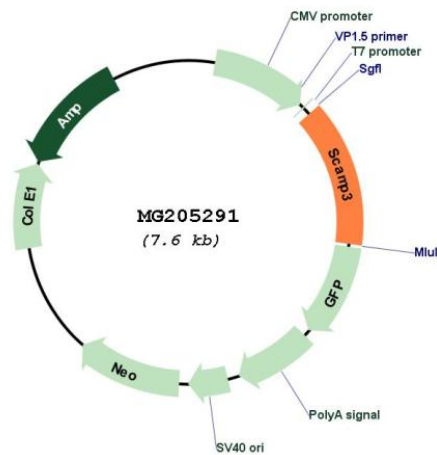
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_011886

ORF Size: 1047 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:	<ol style="list-style-type: none">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_011886.2 , NP_036016.2
RefSeq Size:	1482 bp
RefSeq ORF:	1050 bp
Locus ID:	24045
UniProt ID:	O35609
Cytogenetics:	3 F1
Gene Summary:	Functions in post-Golgi recycling pathways. Acts as a recycling carrier to the cell surface. [UniProtKB/Swiss-Prot Function]