

Product datasheet for **MC226471**

Scamp5 (NM_001301634) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scamp5 (NM_001301634) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scamp5
Synonyms:	Sc; Sc5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226471 representing NM_001301634 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGAAAGTGAACAACCTCCACCATTGCCAAATTCATCCCACTGAAGCCATGTTTCTACCAAG
ACTTCGAGGCAGACATCCCTCCTCAGCATCTCAGCTTGACCAAGCGCCTCTACTACCTCTGGATGTTGAA
CAGCGTCACGCTGGCCGTGAACCTGGTGGGCTGTCTCGCGTGGCTGATCGGAGGCGGGGAGCCACCAAC
TTTGGCCTGGCCTTTCTCTGGCTCATCCTTTACACCTTGCTCCTACGCTCTGCTGGTTTCGGCCATTT
ACAAGGCCTTCAAGACAGACAGTTCCTTCAGCTTCATGGCATTCTTTCACCTTCATGGCTCAGCTGGT
CATCAGCATCATCCAGGCTGTGGGAATCCAGGCTGGGGTGTCTGCGGCTGGATTGCCACCATTTCCCTTC
TTCGGGACGAACATCGGCTCAGCAGTGGTATGCTCATTCCCACGGTCATGTTACAGTTGTGGCCGTCT
TTTCTTCATTGCTCTTAGCATGGTTTATAAGTTCTACCGGGTAGCGGAGGCAGTTTCAGCAAGGCTCA
GGAGGAATGGACCACTGGAGCGTGAAGAACCACATGTGCAGCAGGCAGCCAGAATGCAGCCATGGGG
GCTGCTCAGGGTGCCATGAATCAACCGCAGACTCAGTATTCTGCCACTCCCAACTACAGTACTCCAATG
AGATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001301634
Insert Size:	708 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001301634.1</u> , <u>NP_001288563.1</u>
RefSeq Size:	3364 bp
RefSeq ORF:	708 bp
Locus ID:	56807
UniProt ID:	<u>Q9JKD3</u>
Cytogenetics:	9 B
Gene Summary:	<p>This gene encodes a member of the Scamp (secretory carrier membrane protein) family. The encoded protein may be involved in neuronal vesicle trafficking. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform.</p>