

Product datasheet for MR228237

Scamp5 (NM_001301635) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scamp5 (NM_001301635) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Scamp5
Synonyms:	Sc; Sc5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR228237 representing NM_001301635 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTTCTACCAAGACTTCGAGGCAGACATCCCTCCTCAGCATCTCAGCTTGACCAAGCGCCTCTACTAC
 CTCTGGATGTGACAGACAGTTCCTTCAGCTTCATGGCATTCTTCTTCACCTTCATGGCTCAGCTGGTCAT
 CAGCATCATCCAGGCTGTGGGAATTCAGGCTGGGGTGTCTGCGGCTGGATTGCCACCATTTCTTCTTC
 GGGACGAACATCGGCTCAGCAGTGGTGTGCTCATTCCCACGGTCATGTTACAGTTGTGGCCGTCTTTT
 CCTTCATTGCTCTTAGCATGGTTCATAAGTTCTACCGGGTAGCGGAGGCAGTTTCAGCAAGGCTCAGGA
 GGAATGGACCACTGGAGCGTGGAAGAACCACATGTGCAGCAGGCAGCCAGAATGCAGCCATGGGGGCT
 GCTCAGGGTGCCATGAATCAACCGCAGACTCAGTATTCTGCCACTCCCACTACACGTACTCCAATGAGA
 TG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR228237 representing NM_001301635 Red=Cloning site Green=Tags(s)
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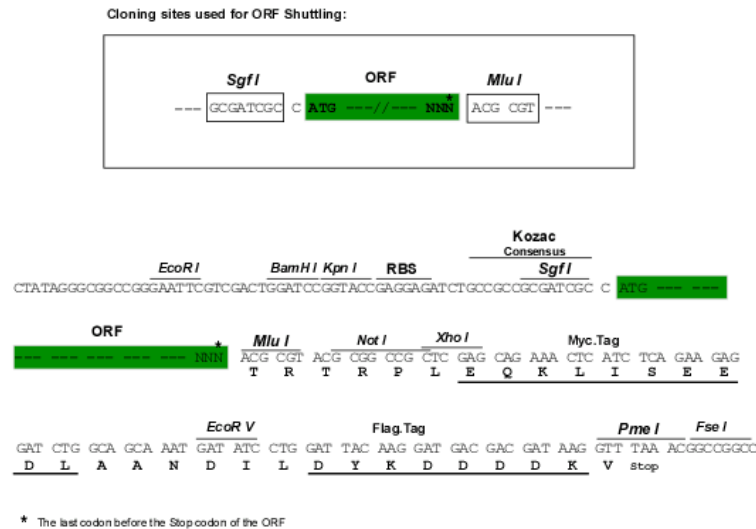
MFLPRLRGRHPSSASQLDQAPLLPLDVTDSFSFMAFFFTFMAQLVISIIQAVGIPGWGVCWGIATISFF
 GTNIGSAVVMLIPTVMFTVVAVFSFIALSMVHKFYRGSGGSFKAQEWTGAWKNPHVQQAQNAAMGA
 AQGAMNPQTQYSATPNYTYSNEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	SgfI-MluI
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Cloning Scheme:



ACCN: NM_001301635

ORF Size: 492 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001301635.1](#), [NP_001288564.1](#)

RefSeq Size: 3090 bp

RefSeq ORF: 495 bp

Locus ID: 56807

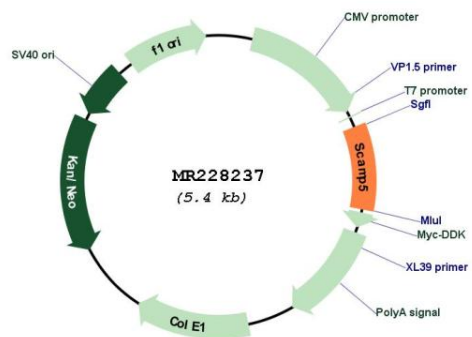
UniProt ID: [Q9JKD3](#)

Cytogenetics: 9 B

MW: 18.3 kDa

Gene Summary: 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]

Product images:



Circular map for MR228237