

## Product datasheet for **RC205149**

### SCAMP5 (NM\_138967) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SCAMP5 (NM_138967) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SCAMP5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205149 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGAGAAAGTGAACAACCTCCACCATTGCCAAATTCATCCCGCTGAAGCCATGTTTCTACCAAG  
ACTTCGAGGCAGATATTCCTCCCAGCATGTGAGCATGACCAAGCGCCTCTACTACCTCTGGATGTTGAA  
CAGCGTCACGCTGGCCGTGAACCTGGTGGGCTGTCTCGCGTGGCTGATCGGAGGCGGGGAGCCACCAAC  
TTTGGCCTCGCCTTTCTCTGGCTCATCTCTTACACCCCTGCTCCTACGCTCTGCTGGTTTCGGCCATT  
ACAAGGCCTTCAAGACTGACAGCTCCTCAGTTTCATGGCATTCTCTTTACCTTCATGGCTCAGTTGGT  
CATCAGCATCATCCAGGCGTGGGCATCCAGGCTGGGGCGTCTGCGGCTGGATTGCTACCATCTCCTTC  
TTCGGAACGAACATTGGCTCGGCGGTGGTATGCTAATCCCACTGTCATGTTTACAGTATGGCCGCTCT  
TTTCCTTCATCGCCCTCAGCATGGTTTCAAAATTTTACCGGGGAAGTGGGGGAGTTTCAGCAAAGCTCA  
GGAGGAGTGGACCACAGGGGCTGGAAGAATCCACATGTGCAGCAGGCAGCCAGAACGCAGCCATGGGG  
GCAGCCCAGGGTGCCATGAATCAGCCTCAGACTCAGTATTCGCCACCCCAATTACACGTACTCCAATG  
AGATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_138967.4](#)

**RefSeq Size:** 3433 bp

**RefSeq ORF:** 708 bp

**Locus ID:** 192683

**UniProt ID:** [Q8TAC9](#)

**Cytogenetics:** 15q24.2

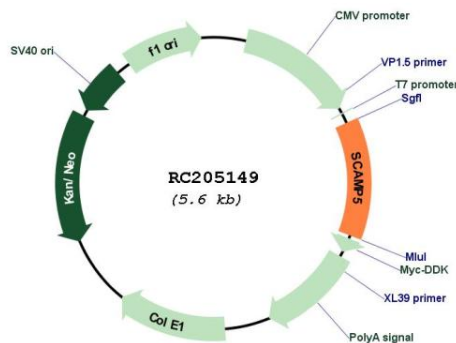
**Domains:** SCAMP

**Protein Families:** Secreted Protein, Transmembrane

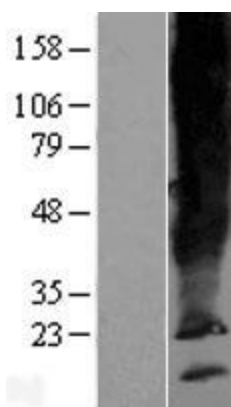
**MW:** 26.1 kDa

**Gene Summary:** Required for the calcium-dependent exocytosis of signal sequence-containing cytokines such as CCL5. Probably acts in cooperation with the SNARE machinery. May play a role in accumulation of expanded polyglutamine (polyQ) protein huntingtin (HTT) in case of endoplasmic reticulum stress by inhibiting the endocytosis pathway.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC205149



Western blot validation of overexpression lysate (Cat# [LY408443]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205149 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).