

Product datasheet for SC335270

SCAMP1 (NM_001290229) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCAMP1 (NM_001290229) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAMP1
Synonyms:	SCAMP; SCAMP37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335270 representing NM_001290229. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCGGATTTTCGACAGTAACCCGTTTGCCGACCCGGATCTCAACAATCCCTTCAAGCCTCCACCAGGC
 GGTGTGAAGATGCCTAATGTACCAATACACAACCAGCAATAATGAAACCAACAGAGGAACATCCAGCT
 TATACACAGATTGCAAAGGAACATGCATTGGCCCAAGCTGAACCTCTTAAGCGCCAGGAAGAAGTAGAA
 AGAAAAGCCGAGAATTAGATCGTCGGGAACGAGAAATGCAAAACCTCAGTCAACATGGTAGAAAAAAT
 AATTGGCCACCTCTTCTAGCAATTTCTGTCTGGACCTGTTTCTATCAGGATTTTCTGTAGACATT
 CCTGTAGAATTCAAAAGACAGTAAAGCTTATGTACTACTTGTGGATGTTCCATGCAGTAACACTGTTT
 CTAAATATCTTCGGATGCTTGGCTTGGTTTGTGTTGATTCTGCAAGAGCGGTTGATTTTGGATTGAGT
 ATCCTGTGGTTCTTGCTTTTACTCCTTGTTTCATTTGTCTGTTGGTACAGACCACTTTATGGAGCTTTC
 AGGAGTGACAGTTCATTTAGATTCTTTGTATTCTTCTCGTCTATATTTGTGAGTTTGTGTACATGTA
 CTCCAAGCTGCAGGATTTCACTAAGTGGGCAATTGTGGTTGGATTTTCATCCCTTACTGGTCTCAACCAA
 AATATTCCTGTTGGAATCATGATGATAATCATAGCAGCACTTTTCACAGCATCAGCAGTCATCTCACTA
 GTTATGTTCAAAAAGTACATGGACTATATCGCACAAACAGGTGCTAGTTTGGAGAAGGCCAACAGGAG
 TTTGCAACAGGTGTGATGTCCAACAAAAGTGTCCAGACCGCAGCTGCAATGCAGCTTCACTGCAGCA
 TCTAGTGCAGCTCAGAATGCTTTCAAGGGTAACCAAGATTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001290229
Insert Size:	939 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).
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:	<u>NM_001290229.1</u>
RefSeq Size:	6197 bp
RefSeq ORF:	939 bp
Locus ID:	9522
UniProt ID:	<u>O15126</u>
Cytogenetics:	5q14.1
Protein Families:	Transmembrane
MW:	35 kDa
Gene Summary:	This gene product belongs to the SCAMP family of proteins, which are secretory carrier membrane proteins. They function as carriers to the cell surface in post-golgi recycling pathways. Different family members are highly related products of distinct genes, and are usually expressed together. These findings suggest that these protein family members may function at the same site during vesicular transport rather than in separate pathways. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014] Transcript Variant: This variant (3) lacks an in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (3) is shorter, compared to isoform 1.