

Product datasheet for SC127535

SCAMP3 (NM_052837) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCAMP3 (NM_052837) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAMP3
Synonyms:	C1orf3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127535 sequence for NM_052837 edited (data generated by NextGen Sequencing)

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ATGGCTCAGAGCAGAGACGGCGGAAACCCGTTCCGCCGAGCCAGCGAGCTTGACAACCC
TTTCAGCCACCACCAGCCTATGAGCCTCCAGCCCTGCCCCATTGCCTCCACCCTCAGCT
CCCTCCTTGACAGCCCTCGAGAAAGCTCAGCCCCACAGAACCTAAGAACTATGGCTCATA
AGCACTCAGGCCTCAGCTGCAGCAGCCACAGCTGAGCTGCTGAAGAAACAGGAGGAGCTC
AACCGAAGGCAGAGGAGTTGGACCGAAGGGAGCGAGAGCTGCAGCATGCTGCCCTGGGA
GGCACAGTACTCGACAGAACAATTGGCCCCCTCTACCTTCTTTTTGTCCAGTTCAGCCC
TGCTTTTTCCAGGACATCTCCATGGAGATCCCCAAGAATTTCAGAAGACTGTATCCACC
ATGTACTACCTCTGGATGTGCAGCAGCTGGCTCTTCTCCTGAACTTCTCGCCTGCCTG
GCCAGTTCTGTGTGAAACCAACAATGGCGCAGGCTTTGGGCTTCTATCCTCTGGGTC
CTCCTTTTCACTCCCTGCTCCTTTGTCTGCTGGTACCGCCCCATGTATAAGGCTTTCCGG
AGTGACAGTTCATTCAATTTCTTCGTTTTCTTCTTCAATTTCTTCGTCAGGATGTGCTC
TTTGTCTCCAGGCCATTGGTATCCCAGNNNNNNNNNCAGTGGCTGGATCTCTGCTCTG
GTGGTGCCGAAGGGCAACACAGCAGTATCCGTGCTCATGCTGCTGGTCCGCTGCTCTTC
ACTGGCATTGCTGTGCTAGGAATTGTCATGCTGAAACGGATCCACTCCTTATACCGCCG
ACAGGTGCCAGCTTTCAGAAGGCCAGCAAGAATTTGCTGCTGGTGTCTTCTCCAACCT
GCGGTGCGAACCAGCTGCCAATGCAGCCGCTGGGGCTGCTGAAATGCCTTCCGGGCC
CCGTGA

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Clone variation with respect to NM_052837.2
300 g=>a;689 g=>n;690 t=>n;691 t=>n;692 g=>n;693 g=>n;694 g=>n;695 g=>n;696 a=>n;697 t=>n;698 t=>n



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_052837 unedited AAAATTTGTATACGACTCACTATAGGCGGCCCGCGAATTCGCACGAGGGCGCAACCCACG GCTGCTGCGGGGATCCTTGTGGCCCTTCCGGTCGATGGAACCAATCCGTGCACAGAGAAG CGGGGCGAACTGAGGCGAGTGAAGTGGACTCTGAGGGCTACCGCTACCGCCACTGCTGCG GCAGGGGCGTGGAGGGCAGAGGGCCGCGAGGGCCGAGTTGCAAACATGGCTCAGAGCAG AGACGGCGGAAACCCGTTCCGCCAGCCAGCGAGCTTGACAACCCCTTTCAGGACCCAGC TGTGATCCAGCACCCGACCAGCCGGCAGTATGCCACGCTTGACGTCTACAACCCCTTTTGA GACCCGGGAGCCACCACAGCCTATGAGCCTCCAGCCCTGCCCCATTGCCTCCACCCTC AGCTCCCTCCTTGCAGCCCTCGAGAAAGCTCAGCCCCACAGAACCTAAGAAGTATGGCTC ATACAGCACTCAGGCCTCAGCTGCAGCAGCCACAGCTGAGCTGCTGAAGAAAACAGGAGGA GCTCAACCGGAAGGCAGAGGAGTTGGACCGAAGGGAGCGAGAGCTGCAGCATGCTGCCCT GNGAGGCACAGCTACTCGACAGAACAATTGGCCCCCTCTACCTCTTTTTGTCCAGTTCA GCCCTGCTTTTTCCAGGACCATCTCCATGGAGATCCCCAAGAATTTCAGAAGACTGTAT CCACCATGTAACCTCTGGATGTGCAGCAGCTGGCTTCTCCTGAACCTCCTCGCT GCCTGGCCAGCTTCTGTGTGAAAACCAACATGGCGCANGCTNNTGGCTNTCTATCCTCT GGGTCCTCCTTTTCACTCCTGCTCCTTGTCTGCTGGTACGCCCATGTATAAGCTTNNCGN ATGACAGTCA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_052837 unedited TATGGACCGCGGCCCGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTCCAGTTCCACTTTCTTTTTATTTAAATAACCGAAGCAACAGCCGTGGCACAGCAAAG GGAACCTGGGTTGGGCGTGTGAAAGGTGGCAGCAGTGTGGCCTGATGGGGGACTAGGT CACAGTGAACCTCCACACGCCTGTCAGTTTCAGCAGTCATGGCCATAGGATTGGGAGCA CTACGGAGGAGCCATCAGTTAGTGATGTCTCTCCAAGTCCAAAGACCTTAGGGACGGGA GCTAAGTCAGCTCCCTCAAGTAGCAGGGCCAGGGCATCCCATTCAGGGGTACGGGGGCC GGAAGGCATTTTCAGCAGCCCCAGCGGTTGCATTGGCAGCTGCGGTTCCGACCGCAGGGT TGGAGAAAACACCAGCAGCAAATTTCTGCTGGGCTTCTGAAAGCTGGCACCTGTGCGGC GGTATAAGGAGTGGATCCGTTTCAGCATGACAATTCCTAGCACAGCATTGCCAGTGAAGA GCAGGGCGACCAGCAGCATGAGCACGGATACTGCTGTGTTGCCCTTCGGCACCACCAGAG CAGAGATCCAGCCCTGGGATACCAATGGCCTGAAGGACAAAGAGCCCATCCTGGACGAA GAATATGAAGAAGAACCAGAAATGGATTGACCTGCCACTCCGAAAAGCCTTATACATG GGGCGGTCCCAGCAGACAGGGAGCAGGTAGTAAAAGGAGGCCCGGAGATATAAAGCCCA AGCCTGCGCCTTTGTTGTTTTCCAAACAGAACCTGCCAGGCAGCGAAGATATTTAGATA AAGCCAGCGGCTGCACATCCAAGTAGTACTGGGGATCCGCTTTGAATTTCTGGGGATCT CATGGAAATCCCTGGAAACCAGCTTGACTGCCAAGAAGGTGAGGGCCCTTGTTTTGCA AGATTGGCCTCAAGCAAATCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_052837
Insert Size:	1540 bp
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: [NM_052837.1](#), [NP_443069.1](#)

RefSeq Size: 1525 bp

RefSeq ORF: 966 bp

Locus ID: 10067

UniProt ID: [O14828](#)

Cytogenetics: 1q22

Domains: SCAMP

Protein Families: Transmembrane

Gene Summary: This gene encodes an integral membrane protein that belongs to the secretory carrier membrane protein family. The encoded protein functions as a carrier to the cell surface in post-golgi recycling pathways. This protein is also involved in protein trafficking in endosomal pathways. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
Transcript Variant: This variant (2) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.