

Product datasheet for **SC117062**

SCAMP1 (NM_004866) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | SCAMP1 (NM_004866) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SCAMP1 |
| Synonyms: | SCAMP; SCAMP37 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_004866, the custom clone sequence may differ by one or more nucleotides |

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ATGTCGGATTTTCGACAGTAACCCGTTTGCCGACCCGGATCTCAACAATCCCTTCAAGGATCCATCAGTTA
CACAAGTGACAAGAAATGTTCCACCAGGACTTGATGAATAATAATCCATTCTCGGATTCTAGAACCTCC
ACCAGGCGGTGTGAAGATGCCTAATGTACCAATACACAACCAGCAATAATGAAACCAACAGAGGAACAT
CCAGCTTATACACAGATTGCAAAGGAACATGCATTGGCCCAAGCTGAACTTCTTAAGCGCCAGGAAGAAC
TAGAAAGAAAAGCCGCAGAATTAGATCGTCGGGAACGAGAAATGCAAAACCTCAGTCAACATGGTAGAAA
AAATAATTGGCCACCTCTTCTAGCAATTTTCTGTCTGGACCTGTTTCTATCAGGATTTTTCTGTAGAC
ATTCCTGTAGAATTCCAAAAGACAGTAAAGCTTATGTAATACTTGTGGATGTTCCATGCAGTAACACTGT
TTCTAAATATCTTCGGATGCTTGGCTTGGTTTTGTGTTGATTCTGCAAGAGCGGTTGATTTGGATTGAG
TATCCTGTGGTCTTGTCTTTTACTCCTTGTTCATTTGTCTGTTGGTACAGACCCTTTATGGAGCTTTC
AGGAGTGACAGTTCATTTAGATTCTTTGTATTCTTCTTCGTCTATATTTGTGAGTTTGTGTACATGTAC
TCCAAGCTGCAGGATTTCACTAAGTGGGCAATTGTGGTTGGATTTTCATCCCTTACTGGTCTCAACAAAA
TATTCCTGTTGGAATCATGATGATAATCATAGCAGCACTTTTCACAGCATCAGCAGTCATCTCACTAGTT
ATGTTCAAAAAGTACATGGACTATATCGCACAACAGGTGCTAGTTTTGAGAAGGCCCAACAGGAGTTTG
CAACAGGTGTGATGTCCAACAAAAGTCCAGACCCGAGCTGCAATGCAGCTTCAACTGCAGCATCTAG
TGCAGCTCAGAATGCTTTCAAGGTAACCAGATTTAA
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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_004866 unedited</p> <pre>TTCNGATTTGTAACGACTCATATAGGCGGCACGCGAATTCGCACGAGGGTCGGGTGGGT GACGCCGAAGCCAGAGAGAGTCGGATTTTCGACAGTAACCCGTTTGCCGACCCGGATCTCA ACAATCCCTTCAAGGATCCATCAGTTACACAAGTGACAAGAAATGTTCCACCAGGACTTG ATGAATAAATCCATTCTCAGATTCTAGAACACCTCCACCAGGCGGTGTGAAGATGCCTA ATGTACCAATAACACAACCAGCAATAATGAAACCAACAGAGGAACATCCAGCTTATACAC AGATTGCAAAGGAACATGCATTGGCCCAAGCTGAACTTCTTAAGCGCCAGGAAGAAGTAG AAAGAAAAGCCGAGAATTAGATCGTCCGGGAACGAGAAATGCAAAAACCTCAGTCAACATG GTAGAAAAATAATTGGCCACCTCTTCCTAGCAATTTTCTGTCCGACCTTGTTTCTATC AAGATTTTCTGTAGACATTCTGTAGAATTCAAAAGACAGTAAAGCTTATGTACTACT TGTGGATGTTCCATGCAGTAACACTGTTTCTAAATATCTTCGGATGCTTGGCTTGGTTTT GTGTTGATTCTGCAAGAGCGGTTGATTTTGGATTGAGTATCCTGTGGTCTTGCTTTTTTA CTCCTTGTTCAATTTGCTGTTGGTACAGACCCTTTATGGAGCTTTCANGAGTGACAGTT CATTTAGATTNCTGNNATTCTNCTCGTCTATATTTGTCAGTTTGCTGTACATGTACTCC AAGCTGCNAGATNTCATAACTGGNGCAANNGTGTTGGNATTCATCCCTTACTGGTCTCA ACCAAAATATCCTGGTGAATCATGATGATNATCATAGCAGNCCTTTTACAGCATCAGCA GTCATCTCACTAGTTATGTTCAAAAAGTACATGGACTATATCGCAACAGGTGCTAGTT TGA</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_004866 unedited</p> <pre>GCGGCACGCAATCTAAAATCGAGTTTTTTTTTTTTTTTTTTTTTGTCTTTGAGTCATTTATTT AATCAGTGGTAAAATTGATTCAAAGTTGAACCCAAGAATACTATAAGAATGAAGTTCTG TGCTGCATAGTAACAATTTTAACTGATTATCTTAATGCAGTTAACTGTATTTATTTTT CTTGCTTGGTGAAGTTAAATGCTTTTTTTTTTTTATTGCTGGAAATTTTAAATATATTCAG TCTGTCTCAAAAAGTGAAAGACAGGTGCATTTAGGGATCAAGTATGTGAAAAATGCCA GGGTCTTTTTATGTTTAAATGCCACTGGAGATGAAAAGCTAAAAGGAAAATCCCTTAAATA CTGTACAATCTTTTTAGACAACAGTTAGGCTAGCCTTTAATACCTCTGTTAAAAATCACA CACACACATCCCCAAAAAGAGCTGCCAGACACAATCTTAGTTGTAACCACAGAAATATAC CAAAGTTTTCATATAGCAAAATGTTACTATATGACTACCGAAATTTTTTAAAAAGGAAT TATTACCACTACTTTCTACTGCATTAACACTACCTTCTCTTTTGGATAATGTACTGCATATT ATATAAATCTTATATTGCACCCCAAATTTTTATTTAAAAGAAATTTTGCAGAATA TCATTTCTGTGATTCATTAACCCCTGAATCCTACAACCATAAGCAGTACAGAAGCCAAA ACACTAATTTCTTTAATATAGAAATGTGGTGCCCATGCAAATTAGAGATTGTTATCAAAA TATCAGCTATTTCTAAAAAAGAAAGANAGTGACAATTTTACATTATCTACTACAAAT GCACATAGCTTTCACTGGTGACTGAACAGCTANAAGCAGCCATTTAAATCCTAGTCTTGC TGCTATTNCTTTCATATATAGGAAAGGATGAACATGTT</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_004866 |
| Insert Size: | 2300 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). |

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| 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: | NM_004866.3 , NP_004857.3 |
| RefSeq Size: | 4562 bp |
| RefSeq ORF: | 1017 bp |
| Locus ID: | 9522 |
| UniProt ID: | O15126 |
| Cytogenetics: | 5q14.1 |
| Domains: | SCAMP |
| Protein Families: | Transmembrane |
| Gene Summary: | <p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).</p> |