

Product datasheet for **SC322301**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322301
GGCGAACTGAGGCGAGTGAAGTGGACTCTGAGGGCTACCGCTACCGCCACTGCTGCGGCA
GGGGCGTGGAGGGCAGAGGGCCGCGGAGGCCGAGTTGCAAACATGGCTCAGAGCAGAGA
CGGCGGAAACCCGTTTCGCCGAGCCAGCGAGCTTGACAACCCCTTTCAGCCACCACCAGC
CTATGAGCCTCCAGCCCTGCCCATTCCTCCACCCTCAGTCCCTCCTTGACGCCCTC
GAGAAAGCTCAGCCACAGAACCTAAGAAGTATGGCTCATAACAGCACTCAGGCCTCAGC
TGCAGCAGCCACAGCTGAGCTGTGAAGAAACAGGAGGAGCTCAACCGAAGGCAGAGGA
GTTGGACCGAAGGGAGCGAGAGCTGCAGCATGCTGCCCTGGGGGGCACAGCTACTCGACA
GAACAATTGGCCCTCTACCTCTTTTGTCCAGTTCAGCCCTGCTTTTTCCAGGACAT
CTCCATGGAGATCCCCAAGAATTCAGAAGACTGTATCCACCATGTAACCTCTGGAT
GTGCAGCAGCTGGCTCTTCTCCTGAACTTCTCGCCTGCCTGGCCAGCTTCTGTGTGA
AACCAACAATGGCGCAGGCTTTGGGCTTCTATCCTCTGGGTCCCTTTTCACTCCCTG
CTCCTTTGTCTGCTGGTACCGCCCCATGTATAAGGCTTCCGGAGTGACAGTTCAATCAA
TTTCTTGGTTTTCTTCTCATTTTCTTCTGTCAGGATGTGCTCTTGTCTCCAGGCCAT
TGGTATCCAGGTTGGGGATTCACTGGCTGGATCTCTGCTCTGGTGGTGGCGAAGGGCAA
CACAGCAGTATCCGTGCTCATGCTGCTGGTCCGCTGCTTCACTGGCATTGCTGTGCT
AGGAATTGTATGCTGAAACGGATCCACTCCTTATACCGCCGCACAGGTGCCAGCTTTCA
GAAGGCCAGCAAGAATTTGCTGCTGGTGTCTTCTCAACCCCTGCGGTGCGAACCAGCAGC
TGCCAATGCAGCCGCTGGGGCTGCTGAAAATGCCTTCCGGGCCCGTGACCCCTGACTGG
GATGCCCTGGCCCTGCTACTTGAGGGAGCTGACTTAGCTCCCGTCCCTAAGGTCTCTGGG
ACTTGGAGAGACATCACTAACTGATGGCTCCTCCGTAGTCTCCCAATCTATGGCCATG
ACTGCTGAACCTGACAGGCGTGTGGGAGTTCAGTGTGACCTAGTCCCCCATCAGGCCA
CACTGCTGCCACCTCTCACAGCCCCAACCAGCTTCCCTCTGCTGTGCCAGGCTGTTG
CTTCGGTTATTTAAATAAAAAGAAAGTGGAACTGGAAGTGAAGGAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_052837
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<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:	<u>NM_052837.1</u> , <u>NP_443069.1</u>
RefSeq Size:	1525 bp
RefSeq ORF:	966 bp
Locus ID:	10067
UniProt ID:	<u>O14828</u>
Cytogenetics:	1q22
Domains:	SCAMP
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>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.</p>