

Product datasheet for **SC304394**

SUCO (NM_016227) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUCO (NM_016227) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUCO
Synonyms:	C1orf9; CH1; OPT; SLP1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016227, the custom clone sequence may differ by one or more nucleotides

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ATGAAGAAGCACCGGCGGCCTTGGCCCTGGTCTCCTGCCTCTTTCTGTGCTCTCTGGTC
TGGCTTCCCAGCTGGCGTGTATGTTGTAAGAGAGTTCTTCAGCTTCAGCGTCATCATAT
TACTCTCAAGATGACAACTGCGCACTAGAAAAATGAAGATGTACAATTCAGAAAAAGAAT
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GAAGAGTCTTCAATGCAGTTGTGGACAGTGAACTGTTGAAAAATTTCCAGCTCATCT
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GATGCTAGTGCTCCAATTGAACAACCTTCTTTGTCAGTCCACCTGACAGCCTTGTGGC
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GAATCAAAAGTTTCAGCAAGTGAACAGGGCGGTGGTATCCAAAATCTGCATTGAATGCT
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AAAATTTAGCAGCTAATCCAGAAGCCAAGAGCACATCTGCTATTCTTATAGAAAAATG
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GAAGAGGAGGCAAGTCCATCTACAGTGACCTTCTGGGCAGCGGTGAACAGGAAGATGAA
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TGTATTTCTAGTTTTTCAGAATACATATATAAATGGTGTTTCAGTTAGAGTTGCTCTTTAT
 CGGCAGCGCAGCCGAAGTCTTTGAGTAAAGGAAAAGATTATCTTGTTAGCTCAACCA
 CCCTTACTACTTCTGCGGAATCAGTAGATGTTTCAGTATTGCAACCTCTGAGTGGAGAA
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 AGTATGCACCAGGATGACTTGGTGAATCACACTGTAGATGCAGTTGAACTGAACCAAGC
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 GGACTGATGCTTTGTATGCAGCGTTGTGCAAACTTCTCAATTTGATGGAGATTATATT
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 GATATGAATTTGAAAAGAAGAACTTCATTCCCACTCATGAGATCCAAGTCTCTACAGTTA
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 GGAAGCTCAGAACTTCATCACAGTCAAGAGTCTATTTTGTGGCATTTCAGCTTGC
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 AGACGATCTAAAGTCCAAGACCAAGGAAAATTGATAAACTCTAATACAGACTAAGTCG
 GGATCATTGCCGAGCCTGCATGACATAATCAAAGGAAACAAAGAGATCACCGTGGGAACA
 TTTGGTGTACAGCAGTCTCGGACATATCTAA

Restriction Sites:	Please inquire
ACCN:	NM_016227
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:	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_016227.1, NP_057311.1</u>
RefSeq Size:	5919 bp
RefSeq ORF:	4218 bp
Locus ID:	51430
UniProt ID:	<u>Q9UBS9</u>
Cytogenetics:	1q24.3
Protein Families:	Transmembrane
Gene Summary:	Required for bone modeling during late embryogenesis. Regulates type I collagen synthesis in osteoblasts during their postnatal maturation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) represents the longest transcript and encodes the longest protein (isoform 1).