

Product datasheet for **SC337623**

SUCO (NM_001282750) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUCO (NM_001282750) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUCO
Synonyms:	C1orf9; CH1; OPT; SLP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001282750, the custom clone sequence may differ by one or more nucleotides

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ATGAAGAAGCACCAGCGGGCCTTGGCCCTGGTCTCCTGCCTCTTCTGTGCTCTCTGGTCTGGCTTCCCA
GCTGGCGTGTATGTTGTAAGAGAGTTCTTCAGCTTCAGCGTCATCATATTACTCTCAAGATGACAACCTG
CGCACTAGAAAAATGAAGATGTACAATCCAGAAAAAGAATACAGAGTCAAAAAAGTTAAGTCCACCGGTG
GTGGAGACACTCCCTACAGTTGATTTGCATGAAGAGTCTTCCAATGCAGTTGGGACAGTAAAACTGTTG
AAAATATTTCCAGCTCATCTACCTCAGAAATCACTCCAATCTCAAAGCTTGATGAAATAGAAAAATCTGG
TACTATCCGATAGCCAAACCAAGTGAACCTGAGCAGTCTGAACTGATTGTGATGTTGGTGGGACCTT
GATGCTAGTGTCCAATTGAACAACCTTCTTTGTGTCAGTCCACCTGACAGCCTTGTGGCCAGCATATAG
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TTGATGAATGGAAGAAGAAAGTTATGGAAGTAGAAAAAGAAAAAGTCAAGTGCATGCATCTTCTAA
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TGTTGAATCCTTGCGAGCACTAAAATTTGGTTTGTATTGAACTTTGTGAACCAATTAAGTAAAACAGCT
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TGGATTATAATACTGGAGAGGATAAATCCTCAAAAAATCTTCTGGTTCGCTACAAATGCCATTCTAAA
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CTCCTGAGTATGTAACCACTGAAGTACACACACATGACATGGAGCCGTCAACACCAGATACTCCAAAAGA
GAGTCCCATTGTACAGTTAGTTCAAGAGGAGGAAGAGGAGGCAAGTCCATCTACAGTGACCCTTCTGGGC
AGCGGTGAACAGGAAGATGAATCATCACCTGGTACCGAAAACAAATGGAAGAAATGCAAAAAGCCTTCA
ATAAAAACAAATCGTGAACCTTCAAGTACTTCAAGAATAGCAGAGGAGCAGGATCAGCGGCAAACTGAAGC
CATCCAGTTGCTACAGGCACAGCTGACCAACATGACACAGCTTGTTCAAATTTATCAGCAACAGTAGCA
GAATTGAAACGGGAGGTTTCAGATCGACAAAGCTATCTTGTATATCTTTGGTCTTTGTGTGCTTGG
GACTGATGCTTTGTATGCAGCGTTGTGCAAACTTCTCAATTTGATGGAGATTATTTTCAAACTTCC
TAAAAGTAAATCAGTATCCAAGCCCTAAAAGGTGTTTCTTCTTCTATGATGATATGAATTTGAAAAGAAGA
ACTTCATTTCCACTCATGAGATCCAAGTCTCTACAGTTAACTGGCAAAGAAGTAGACCCAAATGATTTGT
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TGAGACCATAAAGCCTGAAGAACCATTGCACCCCATAGCCAATGGCGACATAAAAAGGAAGAAGCCCTTT
ACGAACCAGAGAGATTTTCTAATATGGGAGAAGTTTATCACTCTTCTTATAAAGGTCTCCATCTGAAG
GAAGCTCAGAACTTTCATCAGTCAAGAGTCTATTTTGTGGCATTTCAGCTTGCACAAGTCTGTG
CAATGGACAGTCTCAAAAGCAAAAACGAGAAGAGGGCTTTAAAACGAAGACGATCTAAAAGTCCAAGAC
CAAGGAAAATTGATAAAAACCTAATACAGACTAAGTCGGGATCATTGCCGAGCCTGCATGACATAATCA
AAGGAAACAAAGAGATCACCGTGGGAACATTTGGTGTACAGCAGTCTCGGGACATATCTAA
    
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Restriction Sites: Sgfl-Mlul

ACCN: NM_001282750

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:	<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_001282750.1, NP_001269679.1</u>
RefSeq Size:	4558 bp
RefSeq ORF:	2652 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 (3) differs in the 5' UTR, lacks a portion of the 5' and 3' coding region, and initiates translation at a downstream AUG, compared to variant 2. The encoded protein (isoform 3) is shorter than isoform 2.