

Product datasheet for MC202930

Sostdc1 (NM_025312) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sostdc1 (NM_025312) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sostdc1
Synonyms:	0610006G05Rik; ectodin; Sostl; USAG-1; Wise
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021458 sequence for NM_025312 CCACGCGTCCGGAAAGAATTAGCGGCTCCTCAGCCCAGCAAATCCTCCACTCATCATGCTTCCTCCTGCC ATTCATCTCTCTCATTCCCCTGCTCTGCATCCTGATGAGAACTGTTTGGCTTTTAAAAATGATGCCA CAGAAATCCTTTTATTACATGTGGTTAAACCTGTCCCGGCACACCCAGCAGCAACAGCACCCCTGAATCA AGCCAGGAATGGAGGCAGGCATTTCAAGTACTGGACTGGATCGAAACAGTCGAGTTCAAGTGGGCTGC AGGGAAGTGCAGTCCACCAAATACATTTTCGACCGCCAGTGCACCAAGCATCAGCCCTCTGAAGGAGCTGG TGTGCGCGGGGAGTGTGCTGCCCTGCCGCTGCTCCCAACTGGATCGGAGGAGGCTATGGAACAAAGTA CTGGAGCCGGAGGAGCTCTCAGGAGTGGCGGTGTGTCAACGACAAGACGCGCACCCAGAGGATCCAGCTG CAGTGTCCAGGACGGCAGCAGCGCACCTACAAAATCACCGTGGTACGCGGTGCAAGTGAAGAGGTACA CCCGTCAGCACAAACGAGTCCAGCCACAACCTTTGAAAGCGTGTGCGCCGCAAGCCCGCCAGCACACAG AGAGCGGAAGAGAGCCAGCAAATCCAGCAAGCACAGTCTGAGCTAGACCTGGACTGACTAGAAAGCATCT GCTACCCAGATTTGATTGCTTGGAAAGACTCTCTCGAGCCTGCCATTGCTCTTTCTCACTTGAAGTA TATGCTTTCTGCTTTGATCAAGCCAGCAGGCTGTCTTCTCTGGGACTAGCTTTTCTTTGCAAGTGTG TCAAGATGTAATGAGTAGTTTGCAGTGAAGCCAGGCATCCTGTAGTTTCCATCCCCTCCCCATCCCAG TCATTTCTTTAAAGCACCTGATGCTGCATTCTGTTACAGTTTAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025312
Insert Size:	621 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).



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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>BC021458</u> , <u>AAH21458</u>
RefSeq Size:	968 bp
RefSeq ORF:	621 bp
Locus ID:	66042
UniProt ID:	<u>Q9CQN4</u>
Cytogenetics:	12 A3
Gene Summary:	May be involved in the onset of endometrial receptivity for implantation/sensitization for the decidual cell reaction. Enhances Wnt signaling and inhibits TGF-beta signaling (By similarity). Directly antagonizes activity of BMP2, BMP4, BMP6 and BMP7 in a dose-dependent manner. [UniProtKB/Swiss-Prot Function]