

Product datasheet for **MC211534**

Sost (NM_024449) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sost (NM_024449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sost
Synonyms:	5430411E23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024449, the custom clone sequence may differ by one or more nucleotides

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ATGCAGCCCTCACTAGCCCCGTGCCTCATCTGCCTACTTGTGCACGCTGCCTTCTGTGCTGTGGAGGCC
AGGGGTGGCAAGCCTTCAGGAATGATGCCACAGAGGTCATCCCAGGGCTTGGAGAGTACCCCGAGCCTCC
TCCTGAGAACAACCAGACCATGAACCGGGCGGAGAATGGAGGCAGACCTCCCACCATCCCTATGACGCC
AAAGATGTGTCCGAGTACAGCTGCCGCGAGCTGCACTACACCCGCTTCTGACAGACGGCCCATGCCGCA
GCGCCAAGCCGGTCACCGAGTTGGTGTGCTCCGGCCAGTCCGGCCCCGCGCGGCTGCTGCCAACGCCAT
CGGGCGCGTGAAGTGGTGGCGCCGAACGGACCGGATTTCCGCTGCATCCCGGATCGCTACCGCGCGCAG
CGGGTGCAGCTGCTGTGCCCGGGGGCGGGCGCCGCTCGCGCAAGGTGCGTCTGGTGGCCTCGTGCA
AGTGCAAGCGCCTCACCCGCTTCCACAACAGTCGGAGCTCAAGGACTTCGGGCCGAGACCGCGCGGCC
GCAGAAGGGTCGCAAGCCGCGGCCCGGGCGCCCGGGGAGCCAAAGCCAACCAGCGGAGCTGGAGAACGCC
TACTAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_024449
Insert Size:	636 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:	BC137832 , AAI37833
RefSeq Size:	925 bp
RefSeq ORF:	636 bp
Locus ID:	74499
UniProt ID:	Q99P68
Cytogenetics:	11 D
Gene Summary:	Negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.[UniProtKB/Swiss-Prot Function]