

Product datasheet for MC224096

Suco (NM_172645) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Suco (NM_172645) Mouse Untagged Clone
Tag: Tag Free
Symbol: Suco
Synonyms: 4732491B11; A1848100; AU016931; Opt
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224096 representing NM_172645
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGAAGTACCGCGGGCCTTGGCCCTGGTCTCCTGCCTCTCTCTGCTCTCTAGTCTGGCTCCGA
 GTTGGCATGTTTGTCTGTAAGAGAGTTCCTCAGCTTCAACATCATACTATTCTCAAGATGATAATTGTGC
 AATAGGAAGTGAAGACACACAGTTCAGAAAAAGAATGAAAGAGAGGAACCTAGTAATGCTGAGCTATCA
 GAAAAATCAAATTCCTATTTAACTATATCTCCAGAAGGAAACAAAATAAAGGATGACTACACTGTGGATG
 TACAAGATTTGGAACAACGAAGTTAAGCCTCCCTGTGGTTGAAGCACTCCCTACAGTTGATTTGCATGA
 AGAGTCTTCCAGTGTAGTTGTAGGCAGTGAAACCATTGAAAATAGTTCAGTTTCTACCTCAGAAAAGG
 ACTCCAGTCTCAGAGCTTGATGAAGTAGAAAAGTCTGGTACTTTTCTATAGCCAAGCCAGGTGAAGTGG
 AGCAGCCTGAAGCTGACTGTGATGCTGGGAGGCTCCTGATGCAGATGCTCCAGTGAACAACCTGCTTT
 TGTCAGTCCACCAGAGAGCCTTGTGGCCAGCATATAGAGAATGTGCATCTTCACACGGCAAAGAAAA
 GTAACAAAATCAGAAATTTGAATCAAAAGTTTCAGTGAGTGAAGACGGTGGTGAATCCGAAGCTGCAT
 TAAACACTTCAGATACTTTAAAAAATGAGAGCTCTGATTATACAAAACCAGGAGAAAATGACCCCTACATC
 TGTCAAGTCCCAAGATCCAGAAGATATACCAACATTTGATGAGTGGAGAAGAAGTTATGGAAGTA
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 AAAAGGTCAGAAAAATAGAAATAATTATGCCTCTGTGGAGTGTGGTGCCAAAAATTTGGCAGCTAATCC
 GGAAGCCAAGAGCACATCTGCTATTCTTATAGAAAATATGGACCTTTATATGCTGAATCCTTGCAGCACT
 AAAATTTGGTTTGTATTGAACCTGTGAGCCAATCAAGTGAACAATTTGATATTGCAAATATGAAT
 TATTTTCTTACTCCCAAAGACTTTCTGGTTTCTATCAGTGACAGATATCCACAAAATAAATGGATTAA
 GCTGGTACTTTCCATGGTAGAGATGAGCGGAATGTCAAAGTTTCCCCTGGATGAACAGATGTATGCA
 AAATACGTGAAGATGTTCAAGTACATAAAGGTGGAGCTGCTATCACATTTTGGATCAGAGCACTTTT
 GTCCTTTAAGCCTAATAAGGGTTTTTGGTACTAGCATGGTGAAGAATATGAAGAATGCTGACTCCCA
 GTATCAGTCAGAACGTCAGGAACATTTGATGAGGACTATGATTATCCCCTGGATTATAACTGTGGAG
 GATAAATCTTCAAAAAATCTTCTTGGTTCTGTACAAATGCCATTCTAAATATGGTGAATATTGCTGCTA



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ATATTCTGGGAGCAAAAAGTGAAGACTTGACAGAAGGAAATAAAAGTATATCTGAGAATGCCACTGCCAC
 AACTGAACCTAAAATGACTGAATCAACTCGTGTTCCTCAACTCCTGTTCCATCACCTGAATATGTAATCAAG
 GAAGTCCATACACATGATAGAGAACCATCAACCTCAGATCCTCCAAAAGAGAGTCCGATTGTACAAGTGG
 TTCAGGAGGAAGAAGAGGAGCGAGTCCATCTACAGTGACCCCTTTGGGCAGTGGTGAACAAGAGGATGA
 GTCGTATCCTGGTTTGGTCTGAGACACACATACTTTGTAGTGAGCTGACTTCAATTTGTTGATTTCT
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 AGTACCGCAGCCTCCAGTGGCGATGTGGATAGCGAGAACATGGAAAGAGAAGCTGAAACTGTTGATCTG
 GATGATTTAAGTAGTGTGCCACCGGGCATTGATAAATCACACAGTGGACACAATTGAACCTGAACCAA
 GCTACCCTCAAACCTTTCTCAGTCTCTTCTTATAGATGTTACTCCAGAAATGAATTCAGTGTCTAAAGT
 AGAAGGATCTGAGTCTGTTAAATCTGAAGGAGGATATATCCATCACAATTGATGACCCAAGAGAGTTCT
 GTTGAGTTTATGATAAAACAGAAAAAAGACCGAGAGCTTTAGTTCTGCTGAGAAGCTCTCTGTTATTT
 ATGAAACAAGTAAAGTTAATGAGGTGATGGACAATACTGTGAAAGAAGACATACTCTCCACAGAAGTTGT
 CACCAAGTCCCTGAAACAGTAGTACCACCACCTATGAACACAGCCACTGTGCCAGAGGGTAAAGTGTG
 GAAACCAACCTAGTATAGCTGATACACTAAAGCATAACAGTGACTCCAGTTATGGATCCTCATTGCCTG
 AAGTGAAGAGGATGAACAGTCTCCAGAGGATGCCCTTTAAGAGGGTTACAGAGGACAGCTACAGATTT
 CTATGCTGAATTACAAAATTCTACTGATCTGGGATATGGTAATGGAAATCTGTGATGGATCAAATCAG
 AAGGAGTCAAGTATTTATGAGGCTTAATAATCGTATTAAGCCTTAGAAGTTAACATGTCTCTCAGTGGTC
 GCTATCTGGAGGAGCTTAGTCAAAGGTACCGCAAAACAAATGGAAGAAATGCAGAAGGCTTCAATAAGAC
 AATAGTTAAGCTTCAGAACTTACCGGATAGCAGAAGAGCAGGATCAGCGGCAAACTGAAGCCATCCAC
 TTGCTCCAGGCACAACCTGACCAACATGACACAGCTTGTTCAAACCTATCAGCACTGTAGCAGAATTAA
 AGCGGGAGGTTTCAGATCGTCAAGTACCTTGTATGCTTTGGTTTTATGTTGTCTTGGGACTGAT
 GCTCTGTATGCAACGCTGCGAACTACTTCAATTTGATGGAGATTACATTTCAAACCTCCCAAAGT
 AATCAGTATCCAAGCCCTAAAAGGTGTTTCTTCTCTATGATGACATGAATTTGAAAAGAAGAACATCAT
 TTCCCCTCATCAGATCCAAATCTCTGCAGTTTACTGGCAAGAAGTAGATCCGAATGATTTGTACATCGT
 AGAACCCCTCAAGTTCTCTCCAGAGAAAAAGAAGAAACGTTGCAAGTACAAAACCTGAAAAATTGAGACA
 ATAAAGCCTGCAGATCCATTGCACCCTATAGCAAATGGAGATATAAAAGGAAGAAAGCCCTTTACGAACC
 AGAGAGATTTTTCTAACATGGGAGAAAGTTTACTACTCTTCTTACAAGGGCCCTCCGTCTGAGGGCAGCTC
 GGAACCTCATCACAGTCAAGAGTCTATTTTTGTGGCATTTCAGCTTGTACAAGTCTGTGCAATGGA
 CAGACCAAAAAGCAAAAACCTGAGAAGAGGGCTTTAAAACGAAGGCGATCTAAAGTCCAAGACCAAGGAA
 AGTTAATAAAAGCTCTTATACAGACTAAGTCGGGGTCTTCCGAGCCTGCATGACATAATCAAAGGAAA
 CAAGGAGATCACCGTGGGAGCATTGGGGTTACAGCAGTCTCGGGACATATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_172645

Insert Size:

3765 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).

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: [NM_172645.2](#), [NP_766233.2](#)

RefSeq Size: 6308 bp

RefSeq ORF: 3765 bp

Locus ID: 226551

Cytogenetics: 1 H2.1

Gene Summary: Required for bone modeling during late embryogenesis. Regulates type I collagen synthesis in osteoblasts during their postnatal maturation.[UniProtKB/Swiss-Prot Function]