

Product datasheet for **MC201556**

Susd2 (NM_027890) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Susd2 (NM_027890) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Susd2
Synonyms:	1200011D11Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026837 sequence for NM_027890
 GCAGACACAGGGCACACCATGAAGCTGGCCCTCCTGCCTTGATTTTGATGCTGCTCAACAATACCAG
 GCCCCGGGTTACAGCAGGTGCCAGGGAAGCTGTTCCCTGCGCTGCGGGGCACAGGATGGACTCTGTTC
 CTGTACACCAACCTGCTCGGGCCTTGGCACCTGTTGTGAAGATTTTCTGGACTACTGCCTAGAGATTTTA
 CCCTCCTCAGGGTCCATGATGGGTGGCAAAGACTTCGTGGTGAACATTTAAAGTGGACTGACCCACTG
 ATGGGGTCATTTGCAGGTTTAAGGAGAGTATCCAAACCTTGGCTATGTCGACGACTTCTATCAAGTGCA
 CTGCATACACCTTGTCTATGAAAGCGGCTATATTCCCTTACCATATCAATGGACAATGGCCGCTCC
 TTCCCTCATGCAGGCACCTTGGCTAGCTGCACATCCCTACAAAGTGTCTGAATCCGAGAAGAGCCAGCTGG
 TGAACGAGACCCATTGGCAATACTACGGCACTTACAGACACAGGGGAAACCTCAACCTCACCTGGGACAC
 TTCAGCGCTGCCACGCCGGCCGTACCATTGAGCTGTGGGGCTATGAGGAGACAGGAAAACCTACTCT
 GGGAACTGGACCTCGAAGTGGTCTATCTGTACCCTTTGGCTACAAACATCCCAATACCGGCTTCTTCA
 CTTTACCCCCAAACCCGCATCACCTCAGTACCAGAGGTGAAAGTGGTGTCTGAGGATCAGCAGCAG
 CAGGAATACCCAGGAGAGAAGGATGTGCGGGCGCTCTGGACCAACGATCACGCACTGGCCTGGCACCTG
 GGTGACGACTTCCGGGCAGACTCCGTAGCCTGGGCCGAGCACAGTGCCTGGCCTGGGAGCATTGGAAG
 ACCAACTACCAACTTCTGACGGAGCTGCCAGACTGCCCTGCACCCTGGCCCAGGCCAGGGCTGATTC
 TGGCCGCTTCTTACTGACTATGGTTGTGACATTTGAACATGGCAGCGTATGCACCTACCACCCAGGGGCT
 GTGCACTGTGTGCGCTCTGTGCAAGCCAGCCCCAGGTATGGCTCAGGCCAGCAATGCTGCTACACGGCAG
 CAGGGACACAGCTCCTGACTTCAGACTCGACAAGTGGCAGCACCCCTGACCGTGGCCACGACTGGGGTGC
 ACCCCATACCGGACTCCTCCCCGTGTGCCCGGCATGTCTCATTGGCTCTATGACGTCACTAGCTTCTAT
 TACTGTGTCTTTGGGCTCCTGAGTGTCCCCGTATATGAAGCGCCGGCCCTCCAGTACTGCCCAACT
 ACAGACCCACAGCCTGGCCTCTGCCTTCGGGGACCCCATTTTGTACCTTTGATGGCACCAGCTTCTC
 GTTCAGCGGCAATGGCGAATATGTGCTATTGGAGACCACCTGAGTGTCTGAGAGTGCAGGGCCGGCC
 CAGCTGGGAGAATGCCAATGGCACCCAGCCGTTGGCACAGGGCTGACTGCAGTGGCCCTCAAGAAG
 ACAATTCGGATGTGATAGAGGTGCGGTTAGCTGGCGGGTCTCGGGTCTTGGAAAGTGTGCTGAATCAGAA
 AGTGTCAAGTTTCACTGAACAAAATTGGATGGACCTGAAGGGCATGTTCCGTGTCAGTGGCCGCTCAGGAT
 AAGGTGTCAATCATGTTGTATCGGGGGTGGCCTCGAGGTGCGGTGTACAAGTCCCTTCTGAGTGTGA
 GCATTCTGTTGCCTGAGAAGTTTCTGACCCACACCCGTTGCTCCTGGGGACACTCAACAATAACCCACAG
 GGATGACTTACCCTGCGCAATGGGAGGTCTGCCCTGAATGCCAGTGTCTCAGCAGGTGTTCCAGTTT
 GGAGCCGACTGGGCTGTTTCCAACAGTCTTCCCTGTTTACTTATGACTCTTGGCTTCTGGTCTACCAAT
 TCGTGTACGGACCAAGCACACCCCAACTTCAAACACTTCCCTGATGAGACCACACTCAGCCCCAG
 CCAGACAGAAGATGTGGCCAGACTGTGTGAGGGTGACCGTTTCTGCATCCTTGATGTGATGAGCACAGGA
 AGCTCGAGCGTGGCAACGCCACCCGGATTGCCACCAACTGCACCAGCACCGTCTGAAGAGCCTGCAGC
 CTGTGGTATCCTGTGGCTGGCTACCCCCACCTGCAAACGGGCATAAGGAAGGCTTGAAGTACCTGGAAGG
 ATCCGTTGTCCGATTAGCTGCAACAATGGCTACAGCTTGGTGGGGCCGGAGAGTAGCACCTGTACGGCT
 GATGGAAGTGGTCTATGCCTACCCAGAGTGTGAGCCAGGGCGGAGCTACACGGTGTACTGAGTATCA
 TCTTCCGAGGCCTGGCCATAGTGGCACTGATCTCTATCATCTATATGATGCTGCATCGCCGAGGAAGAG
 CAACATGACCATGTGGAGCTCACAGCCCTGAGACCAGAGCACACTTGGCTGACAGCATCGGGCCACGTGC
 TCACCAAGACCCAGTCTCCCCGGGAGAAGCGCAAAGAACATGTACCCTAGTCTATGAATGCCACATCTA
 GTATCTGTGCCTTGAACACTATGGACCCAATACCTGTCCTAGCCTGTCCTTCTGACTGAGACATGATACC
 GGATAGTCTTAACTCCAGAACCCACCCCAACACTTCTCCATCAGTAACCTGCACCTTCTTTGTCTATT
 GGTATGACTCTAACTCCTCAGACTTAAGGGATGGCCTTCTTGTCCCGTCTAGAACTGGAGTACCTATG
 TCCCAAGCCCTGCGTTGGAAGCTCCCATTTTCAAGTCTCCTACTCCCAGAGCCTGATAAACTGAGACCTGG
 TGCTGCCTTCTGTGAGGTCCCCAGAGCTAAACTGCCTTGATTCTGCCCATGGAACAACCTGAGAG
 CTCGGGTTGGCTCAGTCCACAATGAAGAGTGGCCCCGGAGCCTGAGCAGTGAGAAAGAGAAGTGTCCAG
 CAGAGAAGAGACCTTTTTGTACCCAGGCTTCTACTTACCTTCTCTAGCATACTCAGGAACGCC
 TTCCATCCCATAACAAGAACAAGCTCATGTTACATCTTCTGTTCCCGTCTGTTTGTGTTTCCCCA
 CGGTTCCATAACTGTCCGTGAGGTACCCACTAATAGCATCAGAGTTTGAIAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027890
Insert Size: 2463 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC026837](#), [AAH26837](#)

RefSeq Size: 3214 bp

RefSeq ORF: 2463 bp

Locus ID: 71733

UniProt ID: [Q9DBX3](#)

Cytogenetics: 10 C1

Gene Summary: May be a cytokine receptor for C10ORF99. May be a tumor suppressor; together with C10ORF99 has a growth inhibitory effect on colon cancer cells which includes G1 cell cycle arrest (By similarity). May play a role in breast tumorigenesis (PubMed:23131994).
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).