

Product datasheet for **MR222343**

Susd2 (NM_001162913) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Susd2 (NM_001162913) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Susd2
Synonyms:	1200011D11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR222343 representing NM_001162913
Red=Cloning site Blue=ORF Green=Tags(s)

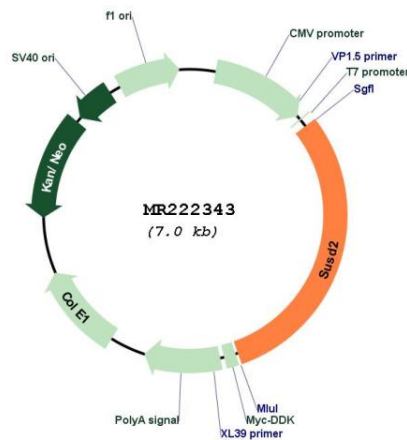
TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGCTGGCCCTCTGCCTTGGATTTTGTGCTGCTCTCAACAATACCAGGCCCGGGTTACAGCAG
CACATCCCTACAAAGTGTCTGAATCCGAGAAGAGCCAGCTGGTGAACGAGACCCATTGGCAATACTACGG
CACTTCAGACACCAGGGAAACCTCAACCTCACCTGGGACACTTCAGCGCTGCCACGCCGGCCGTCACC
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GTACCAGAGGTGAAAAGTGGGTGCTCTGAGGATCAGCAGCAGCAGGAACCTACCCAGGAGAGAAGGATGTG
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CCTGGGCCGAGCACAGTGCCTGGCCTGGGAGGCATTGGAAGACCAACTACCCAACCTCCTGACGGAGCT
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GCCCCAGGTATGGCTCAGGCCAGCAATGCTGCTACACGGCAGCAGGGACACAGCTCCTGACTTCAGACTC
GACAAGTGGCAGCACCCCTGACCGTGGCCACGACTGGGGTGCACCCCATACCGGACTCCTCCCCGTGTG
CCGGCATGTCTATTGGCTCTATGACGTCATCAGCTTCTATTACTGCTGTCTTTGGGCTCCTGAGTGTG
CCCGTTATATGAAGCGCCGGCCCTCCAGTGACTGCCGCAACTACAGACCCCAACCGCTGGCCTCTGCCTT
CGGGGACCCCAATTTTGTACCTTTGATGGCACCAGCTTCTCGTTCAGCGGCAATGGCGAATATGTGCTA
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GTCCTGCCCTGAATGCCAGTGTCTCAGCAGGTGTCCAGTTTGGAGCCGACTGGGCTGTTTCCAACACGT
CTTCCCTGTTTACTTATGACTCTTGGCTTCTGGTCTACCAATTCGTGTACGGACCAAGCACAACCCCAA
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AGTGTGACCCAGGGCCGAGCTACACGGTGTACTGAGTATCATCTTCGGAGGCCTGGCCATAGTGGCACT
GATCTCTATCATCTATATGATGCTGCATCGCCGAGGAAGAGCAACATGACCATGTGGAGCTCACAGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_001162913.1, NP_001156385.1</u>
RefSeq Size:	2895 bp
RefSeq ORF:	2103 bp
Locus ID:	71733
UniProt ID:	<u>Q9DBX3</u>
Cytogenetics:	10 C1
MW:	78 kDa
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]

Product images:



Circular map for MR222343