

Product datasheet for **MR207846**

Susd4 (NM_144796) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Susd4 (NM_144796) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Susd4
Synonyms:	A1848994; E430021N18Rik; N28096
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207846 representing NM_144796
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATCATGGAATGAACCCGAGCAATGGAGATGGATTTCTAGAGCAGCAGCTGCAGCAACAGCAGCCTC
 AGTCCCCCAGAGACTCTTGCCGTGATCCTGTGGTTTCAACTGGCGCTGTGCTTTGGCCCTGCACAGCT
 CACGGGTGGGTTTCGATGACCTCAACGTGTGTGCTGACCCAGGCGTCCCAGAGAATGGCTTCAGGACCCCC
 AGCGGAGGAGTTTTCTCGAAAGCTCAGTAACCCGATTTCACTGCCAAGACGGATTACAGGCTGAAGGGCT
 CTACAAAGAGGCTGTGTATGAAACATTTAATGGGACCCTAGGCTGGTCCCAAGTGACAAACCTGTCTG
 CATACAAGAAGACTGCCGCATCCCCAAATTGAAGATGCTGAGATTGAAACAAGACGTACAGACACGGA
 GAGAAGTAGTCATTGACTGTCACGAGGGGTTCAAGATCCGCTACCCTGACCTGTACAACCTGGTTTCGT
 TATGCCGTGACGATGGGACATGGGATAACCTGCCATCTGTCAAGGCTGCCTGAGACCTTAGCCTCTTC
 CAATGGCTACGTGAACATCTCCGAGTTCAGACCTCCTCCCTGTGGAACTGTGATCGCCTATCGCTGC
 TTCCCTGGATTTAAACTCGAGGGTTCGAGAACCCTCGAGTGTACACAACCTTATCTGGTCTGCCAGCC
 CACCCCGTGCCTTGCTCTGGAAGTTTGTCCACTACCTCCTATGGTAAGTACGGAGATTTATCTGCCA
 CCCGAGGCCTTGTGAGCGCTACAACATGGAAGTGTGGTGGAGTTCTACTGTGATCCTGGCTACAGCCTC
 ACCAGTGACTACAAGTACATCACCTGCCAGTATGGAGAGTGGTTTCTTCTACCAAGTCTACTGCATCA
 AATCAGAACAAACGTGGCCACGACCCACGAGACCCTCCTGACCAGTGGAGATCGTGGCGTTCACAGC
 CACCAGCGTGTGCTGGTGTACTGCTCGTCATCCTGGCCAGAATGTTCCAGACCAAGTTCAAGGCCAC
 TTCCCCCGAGGGTCTCCAGGAGTTCAGCAGTACCCCGACTTTGTGGTCTGGATGGATGCGCCG
 TCATGCTCCCACCTATGATGAGGCTGGAACGGTAGCTCGAGTGCCTTAGGCCCGGGTACCCGGCCTC
 CGTGGGCCAGGGCTGTCTTTACCTGTGGATGACCAGAGCCCTCCAGCATACCCCGGCTCCGGGGACAG
 GACACAGGCCCTGGGAGTCAGAAACCTGTGACAGTACTTCGGGTTCTCGGAGATGCTCCAGAGTCTAT
 ATTCACCCCCATGTGCCAAGGGGGCAGCCGCCCTGCCCGGACACCCCTGACACGATTTCAAGCACAGC
 AGGGGAGGTGGCATCCACAAGCCGGGCATCGACATTGCAGATGAGATCCCGCTCATGGAAGAGGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207846 representing NM_144796
 Red=Cloning site Green=Tags(s)

MYHGMNPSNGDGFLEQQLQQQPQSPQRLLAVILWFQLALCFGPAQLTGGFDDLNVCADPGVPENGFRT
 SGGVFFESSVTRFHCQDGFRLKSTKRLCMKHFNGTLGWVPSDKPVCIQEDCRIPQIEDAEIRNKTYRHG
 EKLVIDCHEGFKIRYPDLYNLVS LCRDDGTWDLNLPICQGLRPLASSNGYVNISEFQTSFPVGTVIAYRC
 FPGFKLEGSNLECLHNLWSSSPRCLALEVCPLPPMVSHGDFICHPRPCERYNHGTVVEFYCDPGYSL
 TSDYKYITCQYGEWFPSYQVYCIKSEQTWPSTHETLLTTWKIVAFATSVLLVLLLVILARMFQTKFAH
 FPPRPPRSSSDPDFVVVDGVPVMLPTYDEAVNGSSSALGPGYPASVQGCPPLVDDQSPPAYPGSGDT
 DTGPGESETCDSTSGSSEMLQSLYSPPMCQGSRPAPDTPDTISSTAGEVASTSPGIDIADIEIPLMEEDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9016_f06.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_144796

ORF Size: 1470 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_144796.5](#)

RefSeq Size: 2035 bp

RefSeq ORF: 1473 bp

Locus ID: 96935

UniProt ID: [Q8BH32](#)

Cytogenetics: 1 H5

