

Product datasheet for **RN201552**

Susd4 (NM_001105982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Susd4 (NM_001105982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Susd4
Synonyms:	RGD1564043
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201552 representing NM_001105982
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTATCATGGAATGAACCCGAGCAATGGAGATGGATTTCTAGAGCAGCAGCTGCAGCAACAGCAGCCTC
AGTCCCCCAGAGACTCTTGCCGTGATCCTGTGGTTTCAACTGGCGCTGTGCTTTGGCCCTGCGCAGCT
CACCGGTGGGTTTCGATGACCTCAACGTGTGTGCTGACCCAGGCGTCCCAGAGAATGGCTTCAGGACCCCC
AGCGGAGGTGTCTTTTAAAGCTCAGTAGCCGATTTCACTGCCAAGACGGTTTCAAGCTGAAGGGCT
CCTCAAAGAGACTGTGTGTGAAACGCCTCAATGGGACCTAGGCTGGATCCCAAGTGACAAACCTCTCTG
CATACAAGAAGACTGCCGGATCCCCGAATTGAAGATGCTGAGATTCATAACAAGACATATAGACACGGG
GATAAGTTGATCATCACTGTGATGAGGGATTCAAGATCCGGTACCCCGACCTGTACAACATGGTTTCGT
TATGTCGTGATGATGGGACGTGGGATAACCTGCCCATCTGTCAAGGCTGCCTGAGACCTTAGCCTCTTC
CAATGGCTACGTGAACATCTCCGAGTTCAGACCTCCTCCCTGTGGAACTGTGATCGCTTATCGCTGC
TTCCCTGGATTTAAACTCGAGGGTCTGAGTACCTTGAGTGCTTACACAACCTTATCTGGTCCGACCC
CACCCCGTGCCTTGCTCTGGAAGTTTGTCCACTACCTCCTATGGTGAGTACGGGAGATTTATCTGCCA
CCCAGGCCTTGTGAGCGCTACAACCATGGGACTGTGGTGGAAATCTACTGTGATCCCGCTACAGCCTC
ACCAGTGACTACAAGTACATCACCTGCCAGTATGGAGAGTGGTTTCTTCTACCAAGTCTACTGCATCA
AATCAGAACAAACGTGGCCAGTACCCACGAGACCCTCCTGACCACATGGAAGATCGTGGCATTACAGC
CACCAGTGTGCTGCTGGTGTACTGCTCGTCATCCTGGCCAGGATGTTCCAGACCAAGTTCAAGGCCAC
TTCCCCCAGGGTCTCCAGGAGTTCAGCAGTGACCCTGACTTCGTGGTAGTGGACGGAGTGCCTG
TCATGCTCCCAGCTACGATGAGGCTGTGAATGGCAGTTCGAGTGCCTTAGGCCCGGGTACCTGGCCTC
CGTGGGCCAGGGCTGCCTTTACCTGTGGATGACCAGAGCCCTCCAGCCTACCCCGCTCCGGGGACAG
GACACAGGCCCTGGGGAGTCAGAAACCTGTGACAGTACCTCGGGCTCCTCCGAGATGCTCCAGAGTCTAT
ATTACCCCCGATGTGCCAAGGGGGCAGCCGCCCTGCCCCAGACACCCTGACACGATTTCAAGCACAGC
AGGGGAGGTAGCATCCACAAGCCAGGCATCGACATTGCAGATGAGATCCCACTCATGGAAGAGGATCCC
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105982

Insert Size: 1473 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_001105982.1](#), [NP_001099452.1](#)

RefSeq Size: 2121 bp

RefSeq ORF: 1473 bp

Locus ID: 289335

Cytogenetics: 13q26