

Product datasheet for **SC113264**

SUSD2 (NM_019601) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUSD2 (NM_019601) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUSD2
Synonyms:	BK65A6.2; W5C5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC113264 sequence for NM_019601 edited (data generated by NextGen Sequencing)

```

ATGAAGCCAGCCCTCCTGCCCTGGGCCCTGCTGCTGCTGGCGACAGCCCTCGGCCGGGC
CCCGGACCCACAGCAGATGCCAAGAGAGCTGCTCCATGCGCTGTGGCGCCCTGGACGGG
CCATGTTCTGCCACCCGACGTGCTCTGGCCTTGGCACCTGCTGCTTGGATTTCCGGGAC
TTCTGCCTGGAGATATTGCCCTACTCAGGATCCATGATGGGCGGCAAGGACTTTGTGGT
CGGCATTTCAAGATGTCCAGCCCCACAGACGCCAGTGTGATCTGCAGGTTTAAGGACAGC
ATCCAGACCCCTCGGCCATGTGGACTCCTCCGGGCAAGTGCAGTGTGTGTACCTCTGCTC
TATGAGAGCGGCCGATCCCCTTCACTGTGCACTGGACAACGGCCACTCCTTCCCTCGT
GCGGGCACCTGGCTGGTGTGCACCCCAACAAAGTGTCAATGATGGAGAAGAGCGAGTTG
GTGAACGAGACGCGTTGGCAATACTACGGCACCGCCAACACCTCAGGCAACCTCAGCCTG
ACCTGGCATGTCAAGTCGCTGCCACGCAGACCATCACCATCGAACTGTGGGGTACGAG
GAGACAGGAATGCCCTACTCACAGGAGTGGACTGCAAAGTGGTCGTACCTGTACCCCTG
GCCACACACATCCCAACTCCGGCTCTTCACTTTCACCCAAAACCTGCTCCTCCACG
TACCAGAGATGGCGAGTGGGTGCACTTCGGATCATCGACAGCAAAAATTACGAGGGCAG
AAGGACGTGCAGGCGCTCTGGACCAACGACCACGCACTGGCCTGGCACCTGAGCGATGAC
TTCCGAGAGGACCTGTGGCCTGGGCACGAACTCAGTGCCAGGCCTGGGAGGAGCTGGAG
GATCAGCTGCCAACTTCTGGAGGAGCTGCCGGACTGCCCTGCACCCTGACCCAGGCC
CGGGTACTCCGGCCGCTTCTTACGGACTACGGCTGTGACATGGAGCAGGGCAGCGTG
TGCACCTACCACCCCGGGGCCGTGCACTGTGTGCGTTCTGTGCAGGCCAGCCTCCGGTAC
GGCTCAGTCCAGTGTGCTACACAGCGGACGGGACGAGCTCCTGACAGTACTCC
AGCGGCGGACGACTCCCGACCGGCCATGACTGGGGCGCACCCCGTTCCGCACGCCA
CCCCGAGTGCCACGATGTCCCCTGGCTACGATGTCTCAGCTTCTATTACTGTG
CCTGGGCACCCGACTGCCCCCGCTACATGCAACGGCGGCCCTCAATGACTGCCCAAC
TACCGGCCCCCAAGACTGGCCTCCGCCCTCGGAGACCCACACTTTGTGACCTTCGACGGC
ACCAACTTCACATTCAATGGGCGCGGAGAGTACGTGCTGCTGGAGGCAGCGCTGACCGAC
CTGAGGGTGCAGGCGCGGGCCAGCCCGGGACGATGTCCAACGGCACGGAGACCCGTGGC
ACTGGGCTGACCGCAGTGGCCGTCCAGGAGGGCAACTCAGATGTGGTGGAAAGTCAAGGCTG
GCCAACAGGACCGGAGGTCTGGAGGTGCTGCTGAACCAGGAGGTGCTGAGCTTACCCGAG
CAGAGCTGGATGGACCTGAAAGGAATGTTCTGTGCGTGGCTGCCGGGGACAGGGTCTCC
ATCATGCTGGCATCAGGGGCCGGCTGGAGGTCAGCGTGCAGGGCCCGTTCTGAGTGTG
TCCGTCCTGCTGCTGAGAAGTTCTCACCCACACCCACGGCCTCCTCGGGACACTCAAC
AACGACCCACCCGACGACTTCACCTGCACAGCGGGCGGTCTGCCCCAGGCACCACTG
CCCCAGGAGCTGTTCTGTTGGGGCCAACTGGACCGTGCAATGCGTCTCCTCCCTGCTC
ACCTACGATTCCTGGTTCCTGGTCCACAACCTTCTGTACCAACCCAAGCAGACCCACCC
TTGAGCCCTCTTCCCCAGTGAGACCACCTCAACCCAGCCTGGCACAAGAGGGCAGCC
AAACTATGTGGGACGATCATTTCTGCAACTTTGATGTGGCAGCCACTGGGAGCCTGAGC
ACGGGCACTGCCACTCGGGTGGCCACCCAGCTGCACCAGCGTCGCATGCAGAGCCTGCAG
CCAGTGGTGTCTGTGGCTGGCTGGCCCCACCTCCCAACGGACAAAAGGAGGGCAACAGG
TACCTGGCGGGTTCCACCATCTACTTCCACTGTGACAACGGCTACAGCCTGGCCGGGGCA
GAGACCAGCACCTGCCAGGCTGACGGCACCTGGTCTCACCACCCCGAAGTGCCAGCCA
GGACGCAGCTACGCGGTGCTGTTGGGCATCATCTTTGGGGCCTCGCGGTGGTGGCGGG
GTTGCGCTCGTCTATGTGCTGCTGCGCCGAGGAAGGGCAACACGCACGTCTGGGGTGCA
CAGCCCTGA
    
```

Clone variation with respect to NM_019601.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019601 unedited
 AACTCCGACTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCCTCGGAGC
 CACTGCACTGCTGGCTGCAGACACAGGCTGCACCATGAAGCCAGCCCTCTGCCCTGGGC
 CCTGCTGCTGCTGGCGACAGCCCTCGGCCCGGGCCCCGGACCCACAGCAGATGCCAAGA
 GAGCTGCTCCATGCGCTGTGGCGCCCTGGACGGCCATGTTCTGCCACCCGACGTGCTC
 TGGCCTTGGCACCTGCTGCTTGGATTTCCGGGACTTTCGCTGGAGATATTGCCCTACTC
 AGGATCCATGATGGGCGGCAAGGACTTTGTGGTGCGGCACTTCAAGATGTCCAGCCCCAC
 AGACGCCAGTGTGATCTGCAGGTTTAAGGACAGCATCCAGACCCTCGGCCATGTGGACTC
 CTCGGGGCAAGTGCACTGTGTGTACCTCTGCTCTATGAGAGCGGCCGCATCCCCCTTAC
 TGTGTCACTGGACAACGGCCACTCTTCCCTCGTGCGGGCACCTGGCTGGCTGTGCACCC
 CAACAAAGTGTCAATGATGGAGAAGAGCGAGTTGGTGAACGAGACCGTTGGCAATACTA
 CGGCACCCGCAACACCTCAGGCAACCTCAGCCTGACCTGGCATGTCAAGTCGCTGCCAC
 GCAGACCATCACCATCGAACTGTGGGGCTACGAGGAGACAGGAATGCCCTACTCACAGGA
 GTGGACTGCANAGTGGTGTACCTGTACCCCTGGCCACCACATCCCCAACTCCGGCTCT
 TTCACCTTTCACCCAAACCTGCNTCTNCCAGCTACCAGAGATGGCGAGTGGGTGCCTTTC
 GGATCATCGACAGCAAAATTACGCAGGNAGAAGGACGTGCANGCGCTCTGGACCACGAC
 CACGCACTGGCCCTGCACCTGAGCGAGACTTNCGAAGAAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019601 unedited
 CCGCGGCCGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAG
 GAAACAAGGCGCTTGTCTTTCTTTGCACAGGCAGGGAGGGTGTCTCTGAGTGACCTTCC
 AAAAAAGTTTCAAATTATAACCCTGGAGTCCGAGGGAGGCCCTCTGCCGCTGGGGTCTC
 GCTGTCTGCTTTGGGGTCTGGGGCCTCTCCTTACCCCATCTGGGGTCCCAGGATGGGCC
 CAGGGGTCCAGGAACCAAGGCAGCACTGCACTGGTGCCTCCGACCGTCCGGGAGCAGGCCT
 CCGTAAATCAGGGGTGAGGGGCCCGGCATCAGGCTCTGGGGAGTGAGGTATTGGAATCT
 GAGGCTCAGGGGTGAGGGGCCCGGCCTCAGGCTCTAGGGAGTGAGCTATTGGAATCTGA
 GGCTCAGGTGTGGGAGTGTGAGGCTCAAGACATAGGTATTAGAATCCCAGGGTATGAAG
 TTTGAGTTTGGGGAATTAACCCGTGAGTATTTGGGGAAGAGCAGGAGCCCTGCTACC
 ACGGGGCTTGGGTGTTGGAACACTGGGCCTCTGCCTGGGGCCTGAAATGACAGAGTAGG
 GGGTTAAATGCCAGGTATCAAGTATCCAGTCCAGGTCTTGTCTGCTGGGGATGCCGG
 AATCCCAGGACTGGCCTGCCTGTTCTCAAGATCTTGGCCTGGTGTCTCACACCCAATCTGC
 TCCCATAAAGCCTGTGCCCCCAAACTGCGTGTGGCCCTTTCTGCGGCGCAACAGCCATT
 TACCAACCAACCGCCCCCCCCGGGAAGCCCCCAAAATGATCCCAACACCCCGCGT
 AACTGCGTTCTTGTGCGACCTTTGGGGGTGGTGAAGGACCAGTTCCTGCTACCCGGGC
 AGTGCCTGTTCTTCCCCGGCCAGCCTGTAACCGTGTAAATATGAATATAAAGGGAGA
 ACAN

Restriction Sites:

NotI-NotI

ACCN:

NM_019601

Insert Size:

3210 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:	<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:	NM_019601.3 , NP_062547.1
RefSeq Size:	3201 bp
RefSeq ORF:	2469 bp
Locus ID:	56241
UniProt ID:	Q9UGT4
Cytogenetics:	22q11.23
Domains:	CCP, SO, VWD, AMOP
Protein Families:	Transmembrane
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 (PubMed:25351403). May play a role in breast tumorigenesis (PubMed:23131994). [UniProtKB/Swiss-Prot Function]