

Product datasheet for **SC100478**

SUSD1 (NM_022486) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SUSD1
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_022486, the custom clone sequence may differ by one or more nucleotides

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ATGGGCGGGGGCCCTGGGATGCGGGCCCGTCTCGCCGCTGCTGCCGCTGTTGCTGCTGCTCGGCCTGG
CCCGCGGGCGCCGGGAGCGCCGGGCCCCGACGGTTTAGACGTCTGTGCCACTTGCCATGAACATGCCAC
ATGCCAGCAAAGAGAAGGGAAGAAGATCTGTATTGCAACTATGGATTTGTAGGGAACGGGAGGACTCAG
TGTGTTGATAAAAAATGAGTGCCAGTTTGGAGCCACTCTGTCTGTGGGAACCACACATCTTGCCACAACA
CCCCCGGGGGCTTCTATTGCATTTGCCTGGAAGGATATCGAGCCACAAACAACAAGACATTCATTCC
CAACGATGGCACCTTTTGTACAGACATAGATGAGTGTGAAGTTTCTGGCCTGTGCAGGCATGGAGGGCGA
TGCCTGAACACTCATGGGAGCTTTGAATGCTACTGTATGGATGGATACTTGCCAAGGAATGGACCTGAAC
CTTTCACCCGACCACCGATGCCACATCATGCACAGAAATAGACTGTGGTACCCCTCTGAGGTTCCAGA
TGGCTATATCATAGGAAATTATACGTCTAGTCTGGGCAGCCAGGTTCTGTTATGCTTGACAGAGAAGGATTC
TTCAGTGTTCCAGAAGATACAGTTTCAAGTGCACAGGCTGGGCACATGGGAGTCCCCAAAATTACATT
GCCAAGAGATCAACTGTGGCAACCCCTCCAGAAATGCGGCACGCCATCTTGGTAGGAAATCACAGCTCCAG
GCTGGGCGGTGTGGCTCGCTATGTCTGTCAAGAGGGCTTTGAGAGCCCTGGAGGAAAGATCACTTCTGTT
TGCACAGAGAAAGGCACCTGGAGAGAAAGTACTTTAACATGCACAGAAATTCTGACAAAGATTAATGATG
TACTCTGTTTAAATGATACCTGTGTGAGATGGCAATAAACTCAAGAAGAATAAACCCCAAGATCTCATA
TGTGATATCCATAAAAGGACAACGGTTGGACCCATGGAATCAGTTCGTGAGGAGACAGTCAACTTGACC
ACAGACAGCAGGACCCCAAGTGTGCCTAGCCCTGTACCCAGGCACCAACTACACCGTGAACATCTCCA
CAGCACCTCCAGGCGCTCGATGCCAGCCGTCTCGGTTTCCAGACAGCTGAAGTTGATCTCTTAGAAGA
TGATGGAAGTTTCAATATTTCAATATTTAATGAACTTGTTTGAATTGAACAGGCGTTCTAGGAAAGTT
GGATCAGAACACATGTACCAATTTACCGTTCTGGGTGAGAGTGGTATCTGGCTAACTTTTCTCATGCAA
CATCGTTTAACTTCACAACGAGGGAACAAGTGCCTGTAGTGTGTTTGGATCTGTACCTACGACTGATTA
TACGGTGAATGTGACCTGTGAGATCTCCTAAGCGGCACTCAGTGCAAATAACAATAGCAACTCCCCCA
GCAGTAAAACAGACCATCAGTAACATTTACAGGATTTAATGAAACCTGCTTGAGATGGAGAAGCATCAAGA
CAGCTGATATGGAGGAGATGTATTTATCCACATTTGGGGCCAGAGATGGTATCAGAAGGAATTTGCCCA
GGAAATGACCTTTAATATCAGTAGCAGCAGCCGAGATCCCGAGGTGTGCTTGGACCTACGTCCGGGTACC
AACTACAATGTAGTCTCGGGCTCTGTCTTCGAACTTCTGTGGTCTCTCCCTGACAACCCAGATAA
CAGAGCCTCCCTCCCGGAAGTAGAATTTTTACGGTGCACAGAGGACCTCTACCACGCCTCAGACTGAG
GAAAGCCAAGGAGAAAAATGGACCAATCAGTTCATATCAGGTGTTAGTGCTTCCCTGGCCCTCCAAAGC
ACATTTTCTGTGATTCTGAAGGCGCTTCTCCTTCTTTAGCAACGCCTCTGATGCTGATGGATACGTGG
CTGCAGAACTACTGGCCAAAGATGTTCCAGATGATGCCATGGAGATACCTATAGGAGACAGGCTGTACTA
TGGGGAATATTATAATGCACCTTGAAGAGGGAGTGATTACTGCATTATATTACGAATCACAAGTGAA
TGGAATAAGGTGAGAAGACACTCCTGTGCAGTTTGGGCTCAGGTGAAAGATTCGTCACTCATGCTGCTGC
AGATGGCGGTGTTGGACTGGGTCCCTGGCTGTTGTGATCATTCTCACATTCCTCTCCTTCTCAGCGGT
GTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022486 unedited

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TTTTGTTATACGACTTCTATAGGGCGGCCGAATTCGGCACGAGGGATGCGTGAACAC
TCAGGGAGCTTTGAATGCTACTGTATGGATGGATACTTGCCAAGGAATGGACCTGAACCT
TTCCACCCGACCACCGATGCCACATCATGCACAGAAATAGACTGTGGTACCCCTCCTGAG
GTTCCAGATGGCTATATCATAGGAAATTATACGTCTAGTCTGGGCAGCCAGGTTCTGTTAT
GCTTGACAGAGAAGGATTCTTCAGTGTTCAGAAGATACAGTTTCAAGCTGCACAGGCTG
GGCACATGGGAGTCCCCAAAATTACATTGCCAAGAGATCAACTGTGGCAACCCCTCCAGAA
ATGCGGCACGCCATCTTGGTAGGAAATCACAGCTCCAGGCTGGGCGGTGTGGCTCGCTAT
GTCTGTCAAGAGGGCTTTGAGAGCCCTGGAGGAAAGATCACTTCTGTTTGCACAGAGAAA
GGCACCTGGAGAGAAAGTACTTTAACATGCACAGAAATTCTGACAAAGATTAATGATGTA
TCACTGTTTAAATGATACCTGTGTGAGATGGCAATAAACTCAAGAAGAATAAACCCCAA
GATCTCATATGTGATATCCATAAAAGGACAACGGTTGGACCCTATGGAATCAGTTCGTGA
GGAGACAGTCAACTGGACCACAGACAGTAGGACCCAGAAAGTGTGCCTAGCCCTTGTAAC
CAGGCACCAACTACACCGGGAACATTTTACAGCACCTTCCAGCGCTTGATCCACCC
GCCATCGGTTTTTACACAGCTTAAGTTGATCTCTTAAAGAGAAGGAAGTTTCATTATT
CCAAATTTAATGAAACCTGCTTGAACTGAACAGGCGCTTAGGAAGAGTTGATAAAACA
A
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022486 unedited AACTATGGAACCGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTAAATTACGG GATATTTTACTGGAATGTAGACATTACTTTTGAATATATAGGACAATAGAAATTGCATC AAAGCAATGCTGCCTAACAGACACAGCAGGAACTTATTGGCATGGCCAGGCTAGTATAT TTTCTCATTAGTATATCAACTAATTATAGGAAAAGTACTGTTTCTAAAGTGCTTGAAACA TTTGCTACGTCAGTGTCTCTTTTCAATGACCTCCTTCATAAAGTCAAAGTCTAGCCC AAACTTAAGCCCATCTCACTGCATATTGTAAGAATGGATTCTGAATGAATTACAGAAA TGCTTTTATATAGGAGGTGTCAGAGATTCTTGCAGTCAATGTCTAGAGGAGCTGACCC TCAGGCATCACTCAGAGGAAGTCCAGCCAAGATTCACAGATCTGTATGTAGCCTTCGGT CAATATCACAGTGTACATCAGGAGTCTCAAGTTCATTGCACAGAACTGGTCCTGTAGCAG GGAAGACTCAGAATTCCTGAGTTTTCTCTTATGGTGACTCCTCAGGGATAGCCACCATC TTAAATCCAGGAATGGGGCCAGCTGGGAATGGAGAAAGTTGCAGGCCACATGCTCCCT GGACGGAAGTCACACGGAGCCTCTGTGCGGGCACCTGAGAAGCTGCCAGAACACCTGCC AGCAGCAGTGCATCCTCCCACTCAGTGTCCATCTGCCATCACACCGCTGAGAAAGAGAG GAATGTGAGAATGATCACAACAGCCAGGGAACCCAGTCCAACACCCGNCATCTGCAGCAG CATGAGTGACGANATCTTCACTGAGCCCCAACTGCACNAGAGTGTCTTCTACCTTATT CCATTCNNTGTGATNCGTAATATAATGCAGTAATCACCTCCTCTTNCAGGGNTGCAT ATAATATNCCCATAGTC
Restriction Sites:	NotI-NotI
ACCN:	NM_022486
Insert Size:	2710 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_022486.1 , NP_071931.1
RefSeq Size:	3034 bp
RefSeq ORF:	1713 bp
Locus ID:	64420

UniProt ID: Q6UWL2

Cytogenetics: 9q31.3-q32

Domains: CCP

Protein Families: Transmembrane