

Product datasheet for **SC100041**

SUSD3 (NM_145006) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUSD3 (NM_145006) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUSD3
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145006, the custom clone sequence may differ by one or more nucleotides

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ATGCGCTGGGCGGCCACCCTCCGTGGCAAGGCGAGGCCCGGGGGCGGGCCGGGGTCACCACGCCTG
CCCCAGGGAACCGCACAGGCACGTGCGCTAAGCTGCGGCTACCCCGCAAGCAACCTTCCAAGTCTTTCG
TGGCAATGGTGCCTCCGTGGGGACCGTGCTCATGTTCCGCTGCCCTCCAACCACCAGATGGTGGGGTCT
GGGCTCCTCACCTGCACCTGGAAGGGGAGCATCGCTGAGTGGTCTTCAGGGTCCCAGTGTGAAACTGG
TGCCACCACAGAGACCTTTGGCTTCAAGGTGGCCGTGATCGCCTCCATTGTGAGCTGTGCCATCATCCT
GCTCATGTCCATGGCCTTCTCACCTGCTGCCTCCTCAAGTGCGTGAAGAAGAGCAAGCGGCGGCGCTCC
AACAGGTCAGCCAGCTGTGGTCCCAGCTGAAAGATGAGGACTTGAGAGCGGTGCAGGCCGCATACCTTG
GCCTCAAGCACTTCAACAAACCCGTGAGCGGGCCAGCCAGGCGCACGACAACCACAGCTTCACCACAGA
CCATGGTGTGAGAGCACCAGCAAGCTGGCCAGTGTGACCCGAGCGTGGACAAGGACCCTGGGATCCCCAGA
GCTCTAAGCCTCAGTGGCTCCTCCAGCTACCCCAAGCCAGGTGATGGTGCACATGGCAAACCCAGAC
AGCCCCTGCCTGCCTCTGGGCTGGCCACAGGAATGCCACAACAGCCCGCAGCATATGCCCTAGGGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145006 unedited ACCTAAAGATGCCAGTCGNCGTAGTGGGCGGTTGAAAAGCACGGTGGGAGGTCTATATAA GCAGAGCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGC GAATTCGGCACCAGGCCAAGCGCCTCGGAGCGCGCAGGATGCGCTGGGCGGCCGCCACCC TCCGTGGCAAGGCGAGGCCCGGGGGCGGGGTCACCACGCCTGCCCCAGGGAACC GCACAGGCACGTGCGCTAAGCTGCCGCTACCCCGCAAGCAACCTCCAAGTCCTTCGTG GCAATGGTGCTTCCGTGGGACCGTGCTCATGTTCCGCTGCCCTCCAACCACCAGATGG TGGGGTCTGGGCTCCTCACCTGCACCTGGAAGGGGAGCATCGCTGAGTGGTCTTCAGGGT CCCCAGTGTGCAAACCTGGTGCCACCACAGAGACCTTTGGCTTCAAGGTGGCCGTGATCG CCTCCATTGTGAGCTGTGCCATCATCCTGCTCATGTCCATGGCCTTCTCACCTGCTGCC TCCTCAAGTGCCTGAAGAAGAGCAAGCGCGGCGCTCCAACAGAGACCATGGTGAGAGCA CCAGCAAGCTGGCCAGTGTGACCCGACGCGTGACAGGACCTGGGATCCCCAGAGCTCT TAGCCTCAGTGGCTCCTCCAGCTACCCCAAGCCAGGTGATGGTGCACATGGCAAACCC CAGACAGCCCTGCCTGCCTCTGGCTGGCCACAGGAATGCCACAACAGCCGCACATATGC CCTAGGGTGACCACGCAGTGAGGCTGTGGCCATGCTCCACACTGGGAAGCCAGGCTGACC CACCAGCCAGTTAGGTCAATCCCATAAACTTCCATGCGCCCAGTTGGGAAGTATGATGAG TGAATCAGCTTCCAGTGGAG
Restriction Sites:	NotI-NotI
ACCN:	NM_145006
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_145006.2 , NP_659443.1
RefSeq Size:	1205 bp
RefSeq ORF:	768 bp
Locus ID:	203328
UniProt ID:	Q96L08
Cytogenetics:	9q22.31
Domains:	CCP
Protein Families:	Transmembrane

Gene Summary:

May play a role in breast tumorigenesis by promoting estrogen-dependent cell proliferation, cell-cell interactions and migration.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (a).