

## Product datasheet for **SC123760**

### SUSD4 (BC004888) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SUSD4 (BC004888) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUSD4
Synonyms:	FLJ10052; OTTHUMP00000036037; OTTHUMP00000036038; PRO222; RP11-239E10.4; sushi domain containing 4; YHGM196
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC004888 edited

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AGGAAGCTGCATGCATGAGACCCACAGACTCTTGCAAGCTGGATGCCCTCTGTGGATGAA
AGATGTATCATGGAATGAACCCGAGCAATGGAGATGGATTTCTAGAGCAGCAGCAGCAGC
AGCAGCAACCTCAGTCCCCCAGAGACTTTGGCCGTGATCCTGTGGTTTCAGCTGGCGC
TGTGCTTCGGCCCTGCACAGCTCACGGGGGGTTTCGATGACCTCAAGTGTGTGCTGACC
CCGGCATTCCCGAGAATGGCTTCAGGACCCCGAGCGAGGGGTTTTCTTTGAAGGCTCTG
TAGCCCGATTTCACTGCCAAGACGGATTCAAGCTGAAGGGCGCTACAAAGAGACTGTGTT
TGAAGCATTTTAAATGGAACCCTAGGCTGGATCCCAAGTGATAATTCCATCTGTGTGCAAG
AAGATTGCCGTATCCCTCAAATCGAAGATGCTGAGATTCATAACAAGACATATAGACATG
GAGAGAAGCTAATCATCACTTGTGATGAAGGATTCAAGATCCGGTACCCCGACCTACACA
ATATGGTTTCATTATGTCGCGATGATGGAACGTGGAATAATCTGCCCATCTGTCAAGGCT
GCCTGAGACCTCTAGCCTCTTCTAATGGCTATGTAACATCTCTGAGCTCCAGACCTCCT
TCCCGGTGGGACTGTGATCTCCTATCGCTGCTTTCCCGATTTAAACTTGATGGGTCTG
CGTATCTTGAGTGCTTACAAAACCTTATCTGGTCCAGCCACCCCGTGCCTTGCTC
TGAAGGAGGAAGACCTGAACATCTTTCCCTGTCTTTATTTCCACACATCAGTTGG
CAGCTGCTGTGCTTTATTTTGCCTGTGTTAAAGTCTCTCCACCCAGCACCTACCT
GTTCTCAACTAGCACCACCATCTCTGTTCTAAATGTTGTTCTCTGCAATAAAGGAC
GTTTGAATTAACATTCAAAAAAAAAAAAAAAAAAAAA

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC004888 unedited NNNAATGTCGGCATTGTATACGACTCATATAGGCGGCACGCGATTTCGGCACGAGGAGGA AGCTGCATGCATGAGACCCACATACTCTTGCAAGCTGGATGCCCTCTGTGGATGAAAGAT GTATCATGGAATGAACCCGAGCAATGGAGATGGATTTCTAGAGCAGCAGCAGCAGCAGCA GCAACCTCAGTCCCCCAGAGACTCTTGCCGTGATCCTGTGGTTTCAGCTGGCGCTGTG CTTCCGGCCTGCACAGCTCACGGGCGGTTTCGATGACCTTCAAGTGTGTGCTGACCCCGG CATTCCCAGAAATGGCTTCAGGACCCCGAGGGGTTTCTTTGAAGGCTCTGTAGC CCGATTTCACTGCCAAGACGGATTCAAGCTGAAGGGCGCTACAAAGAGACTGTGTTTGAA GCATTTTAATGGAACCTAGGCTGGATCCCAAGTATAATTCCATCTGTGTGCAAGAAGA TTGCCGTATCCCTCAAATCGAAGATGCTGAGATTCATAACAAGACATATAGACATGGAGA GAAGCTAATCATCACTTGTGATGAAGGATTCAAGATCCGGTACCCCGACCTACACAATAT GGTTCATTATGTCGCGATGATGGAACGTGGAATAATCTGCCATCTGTCAAGGCTGCCT GAGACCTTAGCCTCTTCTAATGGCTATGTAACATCTCTGAGCTCCAGACCTCCTTCCC GGTGGGACTGTGATCTCTATCGCTGCTTCCCGGATTTAAACTTGATGGGTCTGCGTA TCTTGAGTGCTTACAAAACCTTATCTGGTCGTCCAGCCACCCCGGTGCCTTGCTCTGGA AGGAGAAGACCTGNACATCTTTCCCTGTCCTGTATTNCCACACATCAGGTTGGCAGCT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC004888
<b>Insert Size:</b>	1004 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">BC004888.2</a></u> , <u><a href="#">AAH04888.1</a></u>
<b>RefSeq Size:</b>	995 bp
<b>RefSeq ORF:</b>	870 bp
<b>Locus ID:</b>	55061
<b>Cytogenetics:</b>	1q41
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

Acts as complement inhibitor by disrupting the formation of the classical C3 convertase. Isoform 3 inhibits the classical complement pathway, while membrane-bound isoform 1 inhibits deposition of C3b via both the classical and alternative complement pathways. [UniProtKB/Swiss-Prot Function]