

Product datasheet for **SC317818**

SUSD4 (NM_017982) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUSD4 (NM_017982) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUSD4
Synonyms:	PRO222
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317818 representing NM_017982.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGTATCATGGAATGAACCCGAGCAATGGAGATGGATTTCTAGAGCAGCAGCAGCAGCAGCAACCT
CAGTCCCCCAGAGACTTTGGCCGTGATCCTGTGGTTTCAGCTGGCGCTGTGCTTCGGCCCTGCACAG
CTCACGGCGGGTTCGATGACCTTCAAGTGTGTGCTGACCCCGCATTCCCGAGAATGGCTTCAGGACC
CCCAGCGGAGGGTTTTCTTTGAAGGCTCTGTAGCCCGATTTCACTGCCAAGACGGATTCAAGCTGAAG
GGCGCTACAAAGAGACTGTGTTTGAAGCATTTTAAATGGAACCCTAGGCTGGATCCCAAGTGATAATTCC
ATCTGTGTGCAAGAAGATTGCCGTATCCCTCAAATCGAAGATGCTGAGATTCATAACAAGACATATAGA
CATGGAGAGAAGCTAATCATCACTTGTGATGAAGGATTCAAGATCCGGTACCCCGACCTACACAATATG
GTTTCATTATGTCGCGATGATGGAACGTGGAATAATCTGCCCATCTGTCAAGGCTGCCTGAGACCTCA
GCCTTTCTAATGGCTATGTAACATCTCTGAGCTCCAGACCTCCTTCCCGGTGGGGACTGTGATCTCC
TATCGCTGCTTTCCCGGATTTAAACTTGATGGGTCTGCGTATCTTGAGTGCTTACAAAACCTTATCTGG
TCGTCCAGCCACCCCGTGCCTTGCTCTGGAAGTCTGTCCAACCTCCAATGGTGAGTCACGGAGAT
TTCGTCTGCCACCCGCGCCTTGAGCGCTACAACCACGGAACCTGGTGGAGTTTTACTGCGATCCT
GGCTACAGCCTCACCGACTACAAGTACATCACCTGCCAGTATGGAGAGTGGTTTCCTTCTTATCAA
GTCTACTGCATCAAATCAGAGCAAACGTGGCCAGCACCCATGAGACCTCCTGACCAGTGGAAGATT
GTGGCGTTCACGGCAACCAAGTGTGCTGCTGGTGTGCTGCTGCTCATCCTGGCCAGGATGTTCCAGACC
AAGTTCAAGGCCCACTTTCCCCCAGGGGGCTCCCCGGAGTTCAGCAGTGACCCTGACTTTGTGGTG
GTAGACGGCGTGCCCGTCATGCTCCCGTCTATGACGAAGCTGTGAGTGGCGGCTTGAGTGCCTTAGGC
CCCGGTACATGGCCTCTGTGGCCAGGGCTGCCCTTACCCGTGGACGACCAGACCCCCAGCATAAC
CCCGGCTCAGGGACACGGACACAGGCCAGGGGAGTCAGAAACCTGTGACAGCGTCTCAGGCTCTTCT
GAGCTGCTCCAAAGTCTGTATTACCTCCAGGTGCCAAGAGAGCACCCACCCTGCTTCGGACAACCT
GACATAATTGCCAGCACGGCAGAGGAGGTGGCATCCACCAGCCAGGCATCGACATTGCAGATGAGATT
CCTCTAATGGAAGAAGATCCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_017982

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_017982.3
RefSeq Size:	3030 bp
RefSeq ORF:	1473 bp
Locus ID:	55061
UniProt ID:	Q5VX71
Cytogenetics:	1q41
Domains:	CCP
Protein Families:	Transmembrane
MW:	53.8 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>