

Product datasheet for **SC321513**

SUSD4 (NM_001037175) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SUSD4 (NM_001037175) Human Untagged Clone
Tag: Tag Free
Symbol: SUSD4
Synonyms: PRO222
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001037175.1
GGCACGAGGAGGAAGCTGCATGCATGAGACCCACAGACTCTTGAAGCTGGATGCCCTCT
GTGGATGAAAGATGTATCATGGAATGAACCCGAGCAATGGAGATGGATTCTAGAGCAGC
AGCAGCAGCAGCAGCAACCTCAGTCCCCCAGAGACTCTTGGCCGTGATCCTGTGGTTTC
AGCTGGCCTGTGCTTCGGCCCTGCACAGCTCACGGGCGGGTTTCGATGACCTTCAAGTGT
GTGCTGACCCCGCATTCCCGAGAATGGCTTCAGGACCCAGCGGAGGGGTTTTCTTTG
AAGGCTCTGTAGCCCGATTTCACTGCCAAGACGGATTCAAGCTGAAGGGCGCTACAAAGA
GACTGTGTTTGAAGCATTTAATGGAACCTAGGCTGGATCCCAAGTATAATTCCATCT
GTGTGCAAGAAGATTGCCGTATCCCTCAAATCGAAGATGCTGAGATTATAACAAGACAT
ATAGACATGGAGAGAAGTAATCATCACTTGTCATGAAGGATTCAAGATCCGGTACCCCG
ACCTACACAATATGGTTTCATTATGTCGCGATGATGGAACGTGGAATAATCTGCCATCT
GTCAAGGCTGCCTGAGACCTCTAGCCTCTTCTAATGGCTATGTAACATCTCTGAGCTCC
AGACCTCCTTCCCGGTGGGGACTGTGATCTCCTATCGCTGCTTTCCCGGATTTAACTTG
ATGGGTCTGCGTATCTTGAGTGCTTACAAAACCTTATCTGGTCGTCCAGCCCACCCCGGT
GCCTTGCTCTGGAAGGAGGAAGACCTGAACATCTTTCCCTGTCTTTATTTCCACACA
TCAGGTTGGCAGCTGCTGTGCTTTATTTTGCCTGTGTTAAAGTCTCTCCACCCAG
CACCTACCTGTTCTCACTAGCACCACCACATCTCTGTTCTAAATGTTGTTCTCTCTGCA
ATAAAGGACGTTTGAATTAACATTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001037175

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).



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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_001037175.1 , NP_001032252.1
RefSeq Size:	1044 bp
RefSeq ORF:	873 bp
Locus ID:	55061
UniProt ID:	Q5VX71
Cytogenetics:	1q41
Protein Families:	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] Transcript Variant: This variant (2) differs in the 3' UTR and coding region compared to variant 1. The resulting isoform (b) is shorter and has a distinct C-terminus compared to isoform a.