

Product datasheet for **SC115581**

CD93 (NM_012072) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD93 (NM_012072) Human Untagged Clone
Tag:	Tag Free
Symbol:	CD93
Synonyms:	C1qR(P); C1QR1; C1qRP; CDw93; dJ737E23.1; ECSM3; MXRA4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115581 sequence for NM_012072 edited (data generated by NextGen Sequencing)

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ATGGCCACCTCCATGGGCCTGCTGCTGCTGCTGCTGCTGCTGCTCCTGACCCAGCCCGGGGGCG
GGGACGGGAGCTGACACGGAGGCGGTGGTCTGCGTGGGGACCGCTGCTACACGGCCAC
TCGGGCAAGCTGAGCGCTGCCGAGGCCAGAACACNNNACCAGAACGGGGCAACCTG
GCCACTGTGAAGAGCAAGGAGGAGGCCAGCACGTCCAGCGAGTACTGGCCAGCTCCTG
AGGCGGGAGGCAGCCCTGACGGCGAGGATGAGCAAGTTCTGGATTGGGCTCCAGCGAGAG
AAGGGCAAGTGCCTGGACCCTAGTCTGCCGCTGAAGGGCTTCAGCTGGGTGGGCGGGGGG
GAGGACACGCCTTACTCTAACTGGCACAAAGGAGCTCCGGAACCTGTCATCTCCAAGCGC
TGTGTGTCTCTGCTGCTGGACCTGTCCCAGCCGCTCCTTCCCAGCCGCTCCCAAGTGG
TCTGAGGGCCCTGTGGGAGCCAGGCTCCCCGGAAGTAAATTGAGGGCTTCGTGTGC
AAGTTCAGCTTCAAAGGCATGTGCCGCTCTGGCCCTGGGGGGCCAGGTCAGGTGACC
TACACCACCCCTTCCAGACCACGATTCCTCCTTGGAGGCTGTGCCCTTGCCTCTGCG
GCCAATGTAGCCTGTGGGAAGGTGACAAGGACGAGACTCAGAGTCATTATTTCTGTGC
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AAGTATGGCTGCAACTTCAACAATGGGGCTGCCACCAGGACTGCTTGAAGGGGGGAT
GGCTCCTTCTCTGCGGCTGCCGACCAGGATTCGGCTGCTGGATGACCTGGTGACCTGT
GCCTCTCGAAACCCTTGCAGCTCCAGCCATGTGCGTGGGGGGGCCACGTGCGTCTGGGA
CCCCATGGGAAAAACTACACGTGCCGCTGCCCCAAAGGGTACCAGCTGGACTCGAGTCAG
CTGGACTGTGTGGACGTGGATGAATGCCAGGACTCCCCCTGTGCCAGGAGTGTGTCAAC
ACCCCTGGGGGCTTCCGTGCGAATGCTGGGTTGGCTATGAGCCGGGCGGTCCTGGAGAG
GGGGCCTGTGAGGATGTGGATGAGTGTGCTCTGGGTCGCTCGCCTTGCGCCAGGGCTGC
ACCAACACAGATGGCTCATTTCACTGCTCCTGTGAGGAGGGCTACGTCCTGGCCGGGGAG
GACGGGACTCAGTGCCAGGACGTGGATGAGTGTGTGGGCCGGGGGGCCCCCTCTGCGAC
AGCTTGTGCTTCAACACACAAGGGTCTTCCACTGTGGCTGCCTGCCAGGCTGGGTGCTG
GCCCAAATGGGGTCTCTTGACCATGGGGCTGTGTCTCTGGGACCACCATCTGGGCC
CCCGATGAGGAGGACAAAGGAGAGAAAGAAGGGAGCACCGTGCCCGCGCTGCAACAGCC
AGTCCCACAAGGGGCCCGAGGGCACCCCAAGGCTACACCCACCAAGTAGACCTTCG
CTGTCTCTGACGCCCCATCACATCTGCCCCACTCAAGATGCTGGCCCCAGTGGGTCC
CCAGGCGTCTGGAGGGAGCCAGCATCCATCACGCCACAGCTGCCTCTGGCCCCAGGAG
CCTGCAGGTGGGACTCCTCCGTGGCCACACAAAACAACGATGGCACTGACGGGCAAAAG
CTGCTTTTATTCTACATCCTAGGCACCGTGGTGGCCATCCTACTCTGCTGGCCCTGGCT
CTGGGGCTACTGGTCTATCGCAAGCGGAGAGCGAAGAGGGAGGAGAAGAAGGAGAAGAAG
CCCCAGATGCGGCAGACAGTACTCCTGGGTTCCAGAGCGAGCTGAGAGCAGGGCCATG
GAGAACCAGTACAGTCCGACACCTGGGACAGACTGCTGA
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Clone variation with respect to NM_012072.3
157 t=>n;158 g=>n;159 c=>n;160 a=>n;1488 t=>c

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012072 unedited NNCCTCTGTACCCCCGCCGTTGCCTCAAAGGGCGGTAGGCGTGTACGGTGGNAGGTCT ATATAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAG CGGCCGGAATTCGGCACGAGGCTGCAGCTCACCCCTCAGCTCCCCTGGGGCCAGCTG GGAGCCGAGATAGAAGCTCCTGTGCGCGCTGGGCTTCTCGCTCCCGCAGAGGGCCACAC AGAGACCGGGATGGCCACCTCCATGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGACCCA GCCCGGGCGGGGACGGGAGCTGACACGGAGCGGTGGTCTGCGTGGGGACCGCTGCTA CACGGCCACTCGGGCAAGCTGAGCGCTGCCGAGGCCAGAACCACTGCAACCAGAACGG GGGCAACCTGGCCACTGTGAAGAGCAAGGAGGAGGCCAGCACGTCCAGCGAGTACTGGC CCAGCTCCTGAGGCGGGAGGCGCCCTGACGGCGAGGATGAGCAAGTTCTGGATTGGCT CCAGCGAGAGAAGGGCAAGTGCCTGGACCCTAGTCTGCCGCTGAAGGGCTTCACTGGGT GGGCGGGAGGGAGACACGCTTACTCTAACTGGCACAAGGAGCTCCGGAACCTGTCGA TCTCCAAGCGCTGTGTCTCTGCTGCTGGACCTGTCCAGCCGCTCCTCCAGCCGCC TCCCAAGTGGTCTGAGGCCCCCTGGTGGGAGCCAGGCTCCCCGGAAGTAACATCTGA GGTTTCGTGTGAAGTTCAGCTTCAAAGCATGTGCCAGCCTCTGGCCCTGGAGGGCCCCA GTCAGGTGACCTACACCACCCNCTTTCAGACCANCAAGTTCCTNCTTGGNAGCTGTGCCCT TTGCCTCTGCGCCAATGTAGCCTGTTGGGGAG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012072 unedited NNNGTGTCGNNGGCCCTTTGACACAACATCTCAAGTCTTTAGAAAGTAAGACTAAGCAGGC CTTCTGCCTCCTTGCCACCTAAGAGTTAATTGCACTTCTGGCCATTCTGGAGGATGTCA ACAGTATCACATTTAGCAAGACTTGTGCTGGCGAAATGGAGGAATGCAAATGTAAAGAAA TGTTTCCAGTCCGAACATGTTCCCTTTGACCAAAAAACCAGATCTTCTTACCTAATTGAA TAATTAATTGATTTAGTTTTATCCTTAGGAAGAGAAACAATCATTTCAATCCTAATCAG CATGAGCAACTCACCTTTTCTCTTAGATGGTGGAAAGTGAAGCAGAGAAGATATTCAGGGG AGCCCCCTAGCCCCGGCCTCCTCACACCCTGATCCGGAATTGGTCACTTGGAAATTTGAA AAGGGAGGGGAGTAACAATCATTATAGAGTACAGAAATCCCCACCGTGGCACGCCAACA CACAGCTTCCACTTCAGGAACATCAAACACCCGTAGAAAAACCTGCATGTTCCAAGGGG CCTTTAAGGAGGAGACTTACAATTGTTTGTAAAGTCCAGTCCAGTCTTTCAAAAAAAT GTGGGTGCCCTTTGGAATGGGGAGTTCAAAGCTCTGAGGATGGTGGCTGGTGACTCTAG TGTCTTAGGGCCACCTCACTTTAGCAGTCTGTCCAGGTGTCGGAAGTACTGTTCT CCATGGCCCTGCTCAGCTCGCTCTGGAACCCANGAGTAACTGTCTGCCGCATTCTGGG GCTTCTTCTCTTCTCTCCTCCTCTCGCTCTNCGCTTGCATAGACCAGTAGCCCCA GNACCAGGGCCAGCAGGAGTAGGATGCCACCACGTGCCCTAGATGTAGAATAAAGCAGC TTTTGGCCGTCAGTGCCATCNGTT</p>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_012072
Insert Size:	3000 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.

RefSeq: [NM_012072.2](#), [NP_036204.1](#)

RefSeq Size: 6699 bp

RefSeq ORF: 1959 bp

Locus ID: 22918

UniProt ID: [Q9NPY3](#)

Cytogenetics: 20p11.21

Domains: CLECT, EGF_CA, EGF, EGF

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Gene Summary: The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq, Jul 2008]