

Product datasheet for **MC219976**

Cd93 (NM_010740) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd93 (NM_010740) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd93
Synonyms:	6030404G09Rik; AA4.1; AA145088; AW555904; C1qr1; C1qrp; Ly68
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219976 representing NM_010740
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCATCTCAACTGGTTTGTCTCTGCTGCTGGGGCTCCTTGGCCAGCCCTGGGCAGGGGCTGCTGCTG
 ATTCACAGGCTGTGGTGTGCGAGGGGACTGCCTGCTATACAGCCATTGGGGCAAGCTGAGTGCCGCTGA
 AGCCCAGCATCGCTGCAATGAGAATGGAGGCAATCTTGCCACCGTGAAGAGTGAGGAGGAGGCCCGCAT
 GTTCAGCAAGCCCTGACTCAGCTCCTGAAGACCAAGGCACCCCTTGAAGCAAAGATGGGCAAATCTGGA
 TCGGGCTCCAGCGAGAGAAGGGCAACTGTACGTACCATGATTTGCCAATGAGGGGCTCAGCTGGTGGG
 TGGTGGAGAGGACACAGCTTATTCAAACTGGTACAAAGCCAGCAAGAGCTCCTGTATCTTTAAACGCTGT
 GTGTCCCTCACTGGACCTGCCTTGACACCTCACCCAGCCATCTGCCAAGTGGCATGAGAGTCCCT
 GTGGGACCCCGAAGCTCCAGGTAACAGCATTGAAGGTTTCTGTGCAAGTTCAACTTCAAAGGCATGTG
 TAGGCCACTGGCGCTGGGTGGTCCAGGGCGGGTGACCTATACCACCCCTTCCAGGCCACTACCTCTCT
 CTGGAGGCTGTGCTTTTGCCTCTGTAGCAATGTAGCTTGTGGGGATGAAGCTAAGAGTGAAACCCACT
 ATTTCTATGCAATGAAAAGACTCCAGGAATATTTCACTGGGGCAGCTCAGGCCACTCTGTGTCAGCCC
 CAAGTTTGGTTGCAGTTTCAACAACGGGGGCTGCCAGCAGGATTGCTTCGAAGGTGGCGATGGCTCCTTC
 CGCTGCGGCTGCCGGCCTGGATTTGACTGCTGGATGATCTAGTAACTTGTGCCTCCAGGAACCCCTGCA
 GCTCAAACCCATGCACAGGAGGTGGCATGTGCCATTCTGTACCACTCAGTGAAAACACTACACTTCCGTTG
 TCCCAGCGGCTACCAGCTGGACTCTAGCCAAGTGCAGTGTGGATATAGATGAGTGCCAGGACTCCCC
 TGTGCCAGGATTGTGTCAACACTTAGGGAGCTTCCACTGTGAATGTTGGGTTGGTTACCAACCCAGTG
 GCCCAAGGAAGAGGCCGTGAAGATGTGGATGAGTGTGCAGCTGCCAAGTCCCTGTGCCAAGGCTG
 CATCAACACTGATGGCTCTTTCTACTGCTCCTGTAAAGAGGGCTATATTGTGTCTGGGGAAGACAGTACC
 CAGTGTGAGGATATAGATGAGTGTTCGGACGCAAGGGCAATCCATGTGATTCCCTGTGCTTCAACACAG
 ATGTTTCTTCAGGTGTGGCTGCCCGCCAGGCTGGGAGCTGGCTCCCAATGGGGTCTTTGTAGCAGGGG
 CACTGTGTTTTCTGAACTACCAGCCAGGCTCCCCAAAAGGAAGACAACGATGACAGAAAGGAGAGTACT
 ATGCCCTCTACTGAAATGCCAGTTCTCCTAGTGGCTCTAAGGATGTCTCAACAGAGCAGACACAACAG
 GTCTCTTCGTCGAATCAGATATTCCTCACTGCCTCTGTTCCACTAGAAATAGAAATCCCTAGTGAAGTATC
 TGATGTCTGGTTCGAGTTGGGCACATACCTCCCCAGACCTCCGGCCACAGCAAGCCGACACATGAAGAT
 TCTGTGCTGCACACAGTGACACCGATGGGCAGAACCTGCTTCTGTTTTACATCTGGGGACGGTGGTGG
 CCATCTACTCTTGTGCTGCTGCCCTAGGGATTCTCATTATCATAAACGGAGAGCCAAGAAGGAGGA
 GATAAAAGAGAAGAAGCCTCAGAATGCAGCCGACAGCTATTCTGGGTTCCAGAGCGAGCAGAGAGCCAA
 GCCCGGAGAATCAGTACAGCCCAACACCAGGGACAGACTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010740
- Insert Size:** 1935 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:	<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_010740.3 , NP_034870.1
RefSeq Size:	6638 bp
RefSeq ORF:	1935 bp
Locus ID:	17064
UniProt ID:	O89103
Cytogenetics:	2 73.48 cM
Gene Summary:	Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion. Marker for early multipotent hematopoietic precursor cells. May play a role in cell-cell interactions during hematopoietic and vascular development. [UniProtKB/Swiss-Prot Function]