

Product datasheet for **SC324335**

ICAM3 (NM_002162) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ICAM3 (NM_002162) Human Untagged Clone
Tag:	Tag Free
Symbol:	ICAM3
Synonyms:	CD50; CDW50; ICAM-R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_002162.2
 GTCAGAATGGCCACCATGGTACCATCCGTGTTGTGGCCAGGGCCTGCTGGACTCTGCTG
 GTCTGCTGTCTGCTGACCCAGGTGTCCAGGGCAGGAGTTCTTTTGCGGTGGAGCCC
 CAGAACCCTGTGCTCTCTGCTGGAGGTCCCTGTTGTGAACTGCAGTACTGATTGTCCC
 AGCTCTGAGAAAAATCGCCTTGGAGACGTCCCTATCAAAGGAGCTGGTGGCCAGTGGCATG
 GGCTGGGCAGCCTTCAATCTCAGCAACGTGACTGGCAACAGTCCGATCCTCTGCTCAGTG
 TACTGCAATGGCTCCCAGATAACAGGCTCCTCTAACATCACCGTGTACAGGCTCCCGGAG
 CGTGTGGAGCTGGCACCCTGCCTCCTTGGCAGCCGGTGGGCCAGAACTCACCCCTGCGC
 TGCCAAGTGGAGGATGGGTGCGCCCGGACCAGCCTCACGGTGGTCTGCTTCGCTGGGAG
 GAGGAGCTGAGCCGGCAGCCCGCAGTGGAGGAGCCAGCGGAGGTCAGTCCACTGTGCTG
 GCCAGCAGAGACGACCACGGAGCCCTTCTCATGCCGCACAGAAGTGGACATGCAGCCC
 CAGGGGCTGGGACTGTTCTGTAACACCTCAGCCCCCGCCAGTCCGAACCTTTGCTCTG
 CCCGTGACCCCCCGCCTCGTGGCCCCCGGTTCTTGGAGGTGAAACGTCTGGGCCG
 GTGGACTGCACCCTAGACGGGCTTTTTCCAGCCTCAGAGGCCAGGTCTACCTGGCGCTG
 GGGGACCAGATGCTGAATGCGACAGTCATGAACCACGGGGACACGCTAACGGCCACAGCC
 ACAGCCACGGCGCGCGGATCAGGAGGGTGCCCGGAGATCGTCTGCAACGTGACCCTA
 GGGGGCGAGAGACGGGAGGCCCGGAGAACTTGACGGTCTTTAGCTTCTAGGACCCATT
 GTGAACCTCAGCGAGCCACCGCCATGAGGGGTCCACAGTGACCGTGAGTTGCATGGCT
 GGGGCTCGAGTCCAGGTACGCTGGACGGAGTTCGGCCCGGCCCCGGGCAGCCAGCT
 CAACTTCAGTAAATGCTACCGAGAGTGACGACGGACGACAGTCTTCTGCGAGTGCCACT
 CTCGAGGTGGACGGCGAGTCTTGCACAGGAACAGTAGCGTCCAGCTGCGAGTCTGTAT
 GGTCCCAAAATTGACCGAGCCACATGCCCCAGCACTTGAATGGAAAGATAAAACGAGA
 CACGTCCTGCAGTGCCAAGCCAGGGCAACCCGTACCCCGAGCTGCGGTGTTTGAAGGAA
 GGCTCCAGCCGGGAGGTGCCGGTGGGGATCCCGTTCTTTCGTCAACGTAACACATAATGGT
 ACTTATCAGTGCCAAGCGTCCAGCTCACGAGGCAATACACCCTGGTCTGGTGTATGGAC
 ATTGAGGCTGGGAGCTCCCACTTTGTCCCCGTCTTCTGGCGGTGTTACTGACCCTGGGC
 GTGGTACTATCGTACTGGCCTAATGTACGTCTTCCAGGGAGCACCACGGAGCGGCAGT
 TACCATGTTAGGGAGGAGACCTATCTGCCCTCACGTCTATGCAGCCGACAGAAGCA
 ATGGGGGAAGAACCGTCCAGAGCTGAGTGACGCTGGGATCCGGGATCAAAGTTGGCGGGG
 GCTTGGCTGTGCCCTCAGATTCCGCACCAATAAAGCCTTCAAACCTCCCTAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_002162

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_002162.2 , NP_002153.1
RefSeq Size:	1824 bp
RefSeq ORF:	1644 bp
Locus ID:	3385
UniProt ID:	P32942
Cytogenetics:	19p13.2
Domains:	ig, IG, ICAM_N
Protein Families:	ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)
Gene Summary:	<p>The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>