

Product datasheet for **RN217321**

Icam5 (NM_001172079) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Icam5 (NM_001172079) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Icam5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217321 representing NM_001172079
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGGGCTTACCAGGGCTGCGCCGAACGCTCCTCGGCCTCTGGGCTGCCCTGGGCTGGGGATCC
 TAGGCATCTCAGCGGTTCGCGCTAGAACCTTTCTGGGCGGACCTCAGCCCGCGTGGCGCTCGTGGAGCG
 CGGGGGCTCGCTGTGGCTCAACTGCAGCACTAAGTGTCCGAGGCCGAGCGCGGTGGCTGGAGACCTCG
 CTACGCCGAAACGGGACCCAGAGGGTCTGCGCTGGCTCGACAGCTGGTGGACATCCGAGAGCCTG
 AAACCCAGCCGGTCTGCTTCTCCGCTGCGCGCGCCGACACTCCAAGCGGTGGGCTCATCCGAACCTT
 CCAGCGACCGGATCGGGTAGAGCTAGTGCCTCTGCCTCCTTGGCAGCCTGTAGGTGAGAACTTACCTTG
 AGCTGCAGGGTCCCGGGGCGAGACCCCGAGCGAGCCTCACATTGACCTTGTGCGAGGCGGCCAGGAGC
 TGATTCGCCGAAGTTTCGTAGCGAGCCACCCGAGCTCGGGGTGCGATGCTCACCGCCACGGTCTGGC
 GCGCAGAGAGGATCACAGGGCAATTTTCATGCCTCGCGGAGCTTGACCTGCGGCCACACGGCTTGGGA
 CTGTTTGC AAACAGCTCAGCCCCAGACAGCTCCGCACGTTTGCCATGCCTCCACTTTCCCGAGCCTTA
 TTGCCCCACGATTCTTAGAAGTGGGCTCAGAAAGGCCGGTGAAGTGCCTTTGGATGGACTGTTTCTCTGC
 CCCAGAAGCCGGGTTTACCTCTCTCTGGGAGATCAGAGGCTTCACTAATGTGACCCTCGACGGGGAG
 AGCCTTGTGGCCACTGCCACAGCTACAGCAAGTGAAGAACAGGAAGGCCAACAGCTGATGTGCATCG
 TGACCCTCGGGGGCGAAAGCAGGGAGACCCAGGAAAACCTGACTGTCTACAGCTTCCCGGCTCCTTCT
 GACTTTAAGTGAGCCAGAAGCCCCGAGGGAAAGATGGTACCCTAAGCTGCTGGCAGGGGGCCGAGCC
 CTTGTACCTTGGAGGGAATTCAGCTGCGGTCCCTGGGACCCCGCTGAGCTCCAGTTAAATGTACAA
 AGAATGACGACAAGCGGGGCTTCTCTGCGACGCTGCCCTCGATGTGGACGGGAAACTGAGAAAGAA
 CCAGAGCTCTGAGCTTCGTGTTCTGTACGCACCTCGGCTGGATGACTTGGACTGTCCAGGAGCTGGACG
 TGGCCAGAGGGTCCAGAGCAGACCTCCACTGCGAGGCCGTTGAAACCTGAGCCCTCCGTGACTGTG
 CAAGGCCGTGACGGTGGGGCGGTGCTAGCGCTGGGCCTGTTGGTCCAGTGACCCGTGCCCTCGCGGGCAC
 TTACCGATGTACAGCAATCAATGGGCAAGGCCAGGCGGTCAAGGATGTGACCCTGACTGTGGAATATGCC
 CCAGCGCTGGACAGTGTAGGCTGCCAGAACGTATTACTTGGCTGGAGGGGACAGAGGCATCGCTTAGCT
 GTGTGGCACACGGGGTCCACCACCTAGCGTGAGCTGTGTGCGCTCTGAAAGGAGGAAGTCATGGAAGG
 GCCCTGCGTGTGGCCCGGAGCAGCTGGCAGTACCAGTGCAGAGCCATCAACGCCAGGGGATCAGCG
 GCCAAAAATGTGGCTGTACGGTGAATATGGTCCAGTTTTGAGGAGTGGGCTGCCCCAGCAACTGGA
 CTTGGGTAGAAGGATCTGGAAAACCTGTTTTCTGTGAAGTTGATGGGAAGCCGGAACACCGGTGGAGTG
 CGTGGGCTCGGAGGGTGAAGCGAAGGGGTAGTGTGCCCTGGTGTCTCGAACTCTGGTTCCAGAAAC
 TCTATGACTCCTGGTAACCTGTACCCGGTATTTACCTCTGCAACGCCACCAACCGGCATGGCTCCACAG
 TCAAAACAGTCGTGAGCGCGGAATCACCGCCACAGATGGAATGAAATCCAGTTGCCCGAGTACCAGAC
 ATGGCTGGAAGGAGCCGAGGCTACTGCGCTGGCCTGCAGTGCCAGAGGCCGCCCTCTCCACGCGTGC
 TGTTCCAGGGAAGGTGCAGCCAGGCTGGAGAGGCTACAGGTGTCCCGAGAGGATGCGGGGACCTACCTGT
 GTGTGGCTACCAACGCGCATGGCAGGATTCACGGACCGTCACTGTGGGTGTGGAATACCGGCTGTGGT
 GGCTGAGCTGGCAGCCTCGCCCCAAGCGTGGCGCTGGCGGAACTTCACTCTGACCTGCCGTGCAGAG
 GCCTGGCCTCCAGCCAGATCAGCTGGCGCGGCCCGGGAGCTCTAACCTCGTCTCTCCAGCAACA
 ACAGCACGCTGAGCGTGGCGGGTCCATGGGCAGCCATGGTGGCGAGTATGAGTGCAGCCACCAATGC
 GCATGGGCGCCACGCACGGCGCATCACGGTGCAGTGGCCGGTCCATGGCTGTGGGTGCTGTGGGCGGT
 GCGGCAGGGGGCGCGGCTGCTGGCCGAGGGGCGGCTGGCCTTCTACGTGCAGTCCACCGCTTGCA
 AGAAGGGAGAGTACAACGTCCAGGAGGCTGAGAGCTCAGGCGAGGCGGTGTGTCTCAATGGCGGGGCGG
 GACACCGGTTGCAGAAGGCGGAGCAGAGACCCCGGACTGCCGAGTCACTGCAGATGGCGAGGTTTTTC
 GCCATCCAGCTGACATCTTCC**TGA**

AC**GCGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-NotI

ACCN:	NM_001172079
Insert Size:	2754 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001172079.1, NP_001165550.1</u>
RefSeq Size:	3117 bp
RefSeq ORF:	2754 bp
Locus ID:	313785
Cytogenetics:	8q13