

Product datasheet for MR203730

Icam2 (NM_010494) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Icam2 (NM_010494) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Icam2
Synonyms:	CD102; Icam-2; Ly-60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203730 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTCTTTTGCTTGCTGGAGCCTGTCTTCTTATCCTGTTCTACAGCCAGGGTCTGGTGAGAAGG
CCTTTGAGGTCTACATATGGTCCGAGAAGCAGATAGTAGAAGCCACAGAGTCTTGAAAAATCAACTGCAG
CACCAACTGCGCAGCCCCAGACATGGGCGGCCTGGAGACGCCACGAATAAAATAATGTTGAAGAGCAT
CCTCAAGGAAGTGAAACAGTTCTTAGTCTCAAACGTCTCAAAGACACGGTCTTCTTTTGCCATTTCA
CGTGTTCCGGAAAGCAGCACTCGGAGAGTCTCAACATCAGGGTGTACCAGCCTCCAGCTCAAGTCACACT
GAAGCTGCAGCCGCTCGGGTGTGGTGAAGACTTCACCATTGAGTGCACGGTGTCCCTGTGCAG
CCCCTTGAGAGGCTCACCTCTCTGCTCCGTGGCAGAGAGACCCTGAAGAATCAGACCTTTGGGGGAG
CAGAACTGTCCCAAGAGGCCACAGCCACGTTCAACAGCACAGCTCTGAAAAAGGACGGTCTCAACTT
TTCCTGCCAGGCTGAGCTGGATCTACGGCCCCATGGTGGGTATATCATCCGACGATCTCGGAGTACCAG
ATCCTTGAAGTCTATGAGCCGATGCAGGACAACCAATGGTCATCATCATCGTGGTGGTGTCAACTACTGC
TGTTCTATTTGTGACATCTGTCTGCTATGCTTTATCTTTGGCCAGCACTGGCAGAAAGACGGACAGG
CACCTACGGGGTGCTAGCTGCCTGGAGGAGGCTGCCCCGAGCCTTCGGGCACGTCCCGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_010494.2](#)

RefSeq Size: 1168 bp

RefSeq ORF: 834 bp

Locus ID: 15896

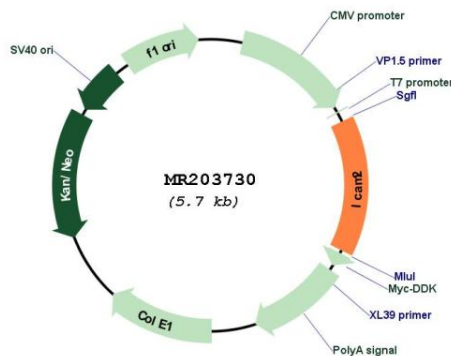
UniProt ID: [P35330](#)

Cytogenetics: 11 69.09 cM

MW: 31.4 kDa

Gene Summary: ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203730