

Specifications:

Gene:	hICAM3
Accession:	NP_002153
Insert size:	1657bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

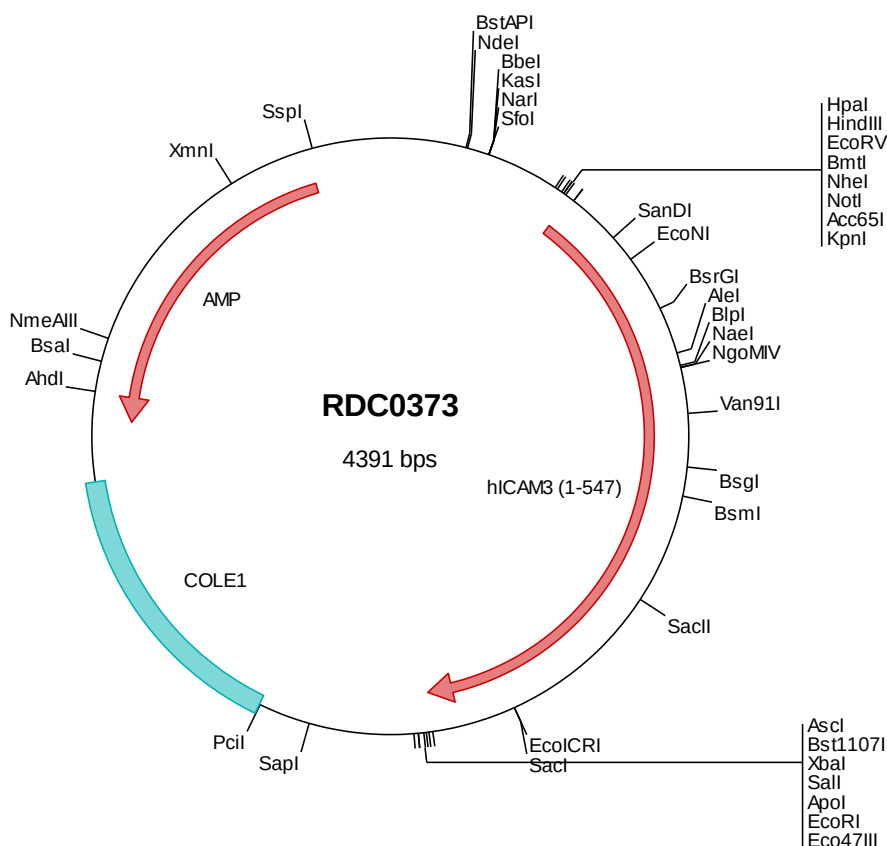
hICAM3 cDNA Plasmid

ICAM3 intercellular adhesion molecule 3 [*Homo sapiens*]

Also known as: CD50; CDW50; ICAM-R

Summary:

ICAM3 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. ICAM3 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 signaling molecule.





> RDC0373 Plasmid DNA Sequence

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101  tcaggggcgc tcagcgggtg ttggcgggtg tccgggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcmc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaagtgtct caaggcgatt aagtttggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgattt
401  ggagacgtgt taacaagctt ggaatccgata tgcgtagcgc ggcgcgcacc atggctacca tggtagccatc cgtgtttggg cccagggcct gctggactct
501  gctgtctctg tgtctgtctg cccaggtgtt ccaggggcag gagtctcttt tgccggttga gcccagaac cctgtgctct ctgctggagg gtcctgtttt
601  gtgaactgca gtaactgatt tcccagctct gaaaaaatcg ccttgagagc gtccctatca aaggagctgg tggccagtgg catgggctgg gcagccttea
701  atctcagcaa cgtgactggc aacagtccga tctctgtctc agtgtactgc aatggctccc agataaacag ctcctctaac atcaccgtgt acaggctccc
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2401 ctgcctcact gactcgtctg gctcgtcgtt tccgctcgcg cgagcgttat cagctcactc aaaggcggta atacggttat ccacagaatc aggggataac
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> RDC0373 Translated Insert Sequence

```
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201  lgflvntsap rqlrtffvlpv tprlrvapr lfvetvswpvd ctldglfpas eaqvyllagd qmlnatvmnh gdtltatata taradqegar eivcnvtlgg
301  errearenlt vfsflgpiyv lseptahegs tvtvscmag rvqvtldgvp aaapggpaql qlnatesddg rsffcsatle vdgeflhrns svqlrvlygp
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```