

Specifications:

Gene:	mSpn
Accession:	NP_033285
Insert size:	1201bp
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.

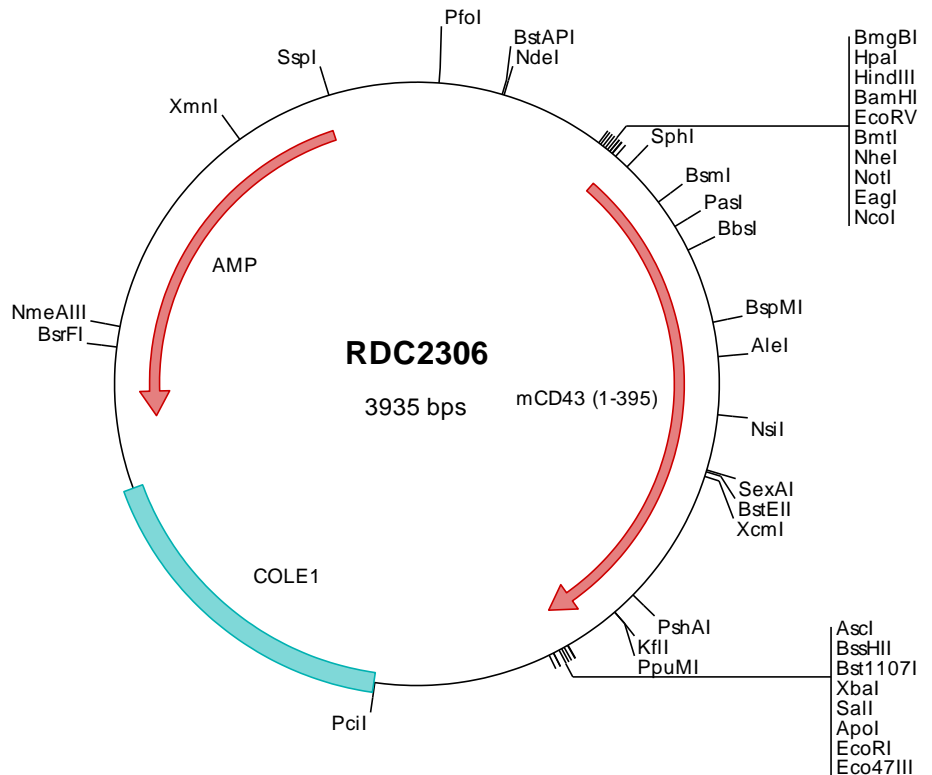
mCD43 cDNA Plasmid

Spn sialophorin [*Mus musculus* (house mouse)]

Also known as: Cd43; Ly48; Galgp; Ly-48; A630014B01Rik

Summary:

CD43 is a major type I transmembrane sialated mucin that is expressed on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. CD43 restricts leukocyte adhesion and modulates T-cell activation. During T-cell activation, it is actively removed from the T-cell antigen-presenting cell contact site, suggesting a negative regulatory role in adaptive immune response.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2306 Plasmid DNA Sequence

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1 tcgctgctgtt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gttgtaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401 ggagacgtgt taacaagcct ggatccgata tcgctagcgc ggccgccacc atggccttgc accttctcct cctctttggg gcatgctggg tccaggttgc
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601 gtggggctcag ggacagtgga ctgcaaggag accatcagcc cctgggggca gaccacaate ccagtttctt tgacccctct ggaactact gaattgtctt
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3901 ctataaaaaat aggcgatca cgagccctt cgtc

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> RDC2306 Translated Insert Sequence

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201 hglpattats svesssvarg tsvssrktst tstqdpittr spsqessgml lvpmliallv vlalvallll wrqrqrrtg altlsgggkr ngvvdawagg
301 arvpdeeatt tsgagnkgs evletegsgq rptlittffsr rksrqgslvl eelkpgsgpn lkgeeeplvg sedeavetpt sdgpqakdea apqsl

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