

Specifications:

Gene:	mCd33
Accession:	NP_001104528
Insert size:	1225bp
Concentration:	10µg at 0.2µg/µL

mSiglec-3/CD33 cDNA Plasmid

Cd33 CD33 antigen [*Mus musculus* (house mouse)]

Also known as: gp67; Siglec-3

Summary:

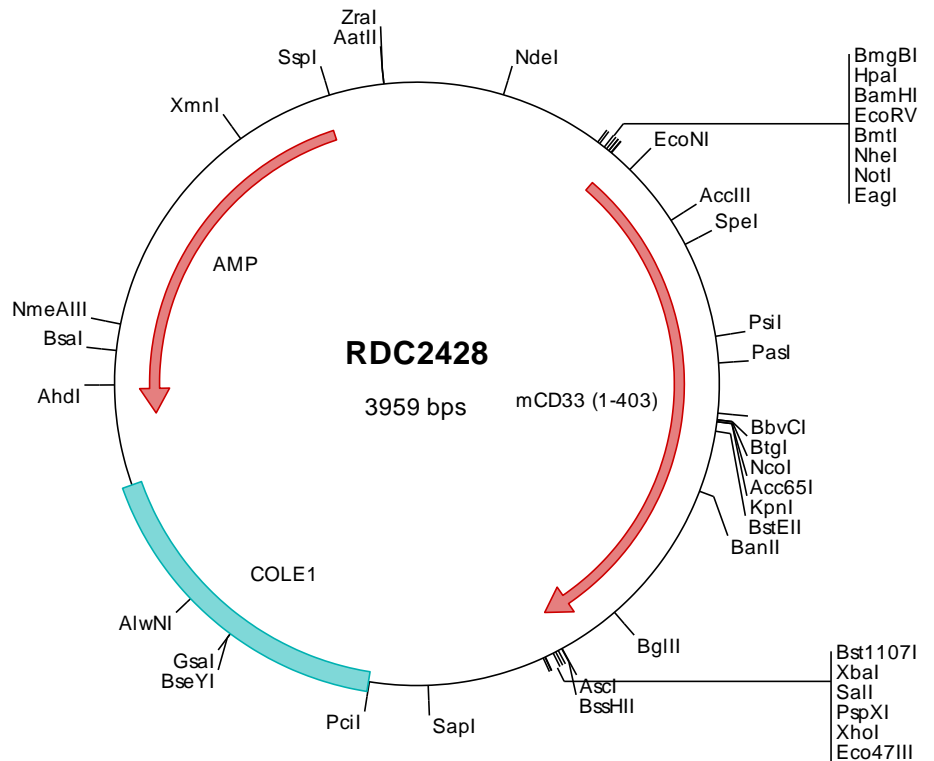
Siglec-3 is a member of the immunoglobulin superfamily. It binds sialic acid preferring α 2,3-linkage over α 2,6-linkage. In the immune response, Siglec-3 may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2428 Plasmid DNA Sequence

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> RDC2428 Translated Insert Sequence

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