

Specifications:

Gene:	<i>mSiglecf</i>
Accession:	NP_663556
Insert size:	1723bp
Concentration:	10µg at 0.2µg/µL

**mSiglec-F cDNA
Plasmid**

Siglecf sialic acid binding Ig-like lectin F [*Mus musculus* (house mouse)]

Also known as: Siglec5; mSiglec-F

Summary:

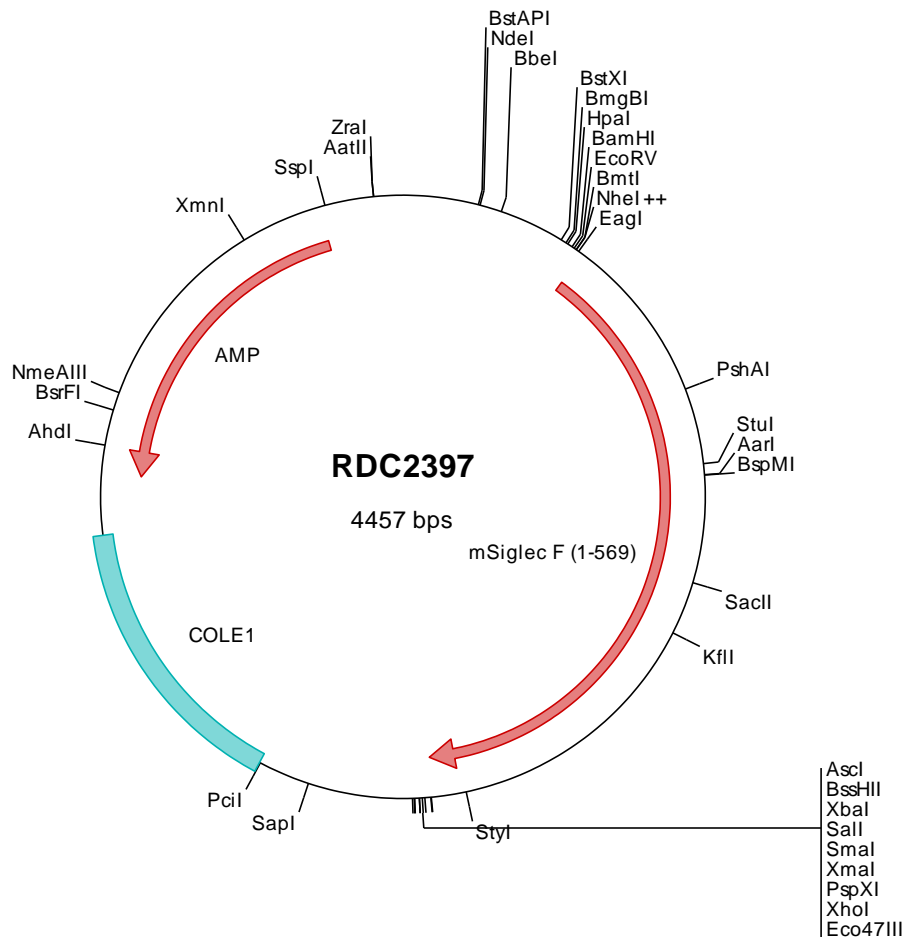
Siglec-F is a sialic acid specific I-type lectin that is characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. The expression of Siglec-F is restricted to the cells of myelomonocytic lineage. Unlike many human CD33-related Siglecs, which show similar binding to both alpha 2,3- and alpha 2,6-linked sialic acids, mouse Siglec-F preferentially recognize alpha 2,3-linked sialic acid.

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.



> RDC2397 Plasmid DNA Sequence

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> RDC2397 Translated Insert Sequence

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