

Specifications:

Gene:	<i>h</i> SIGLEC5
Accession:	NP_003821
Insert size:	1669bp
Concentration:	10µg at 0.2µg/µL

*h*Siglec-5 cDNA Plasmid

SIGLEC5 sialic acid binding Ig-like lectin 5 [*Homo sapiens* (human)]

Also known as: CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5

Summary:

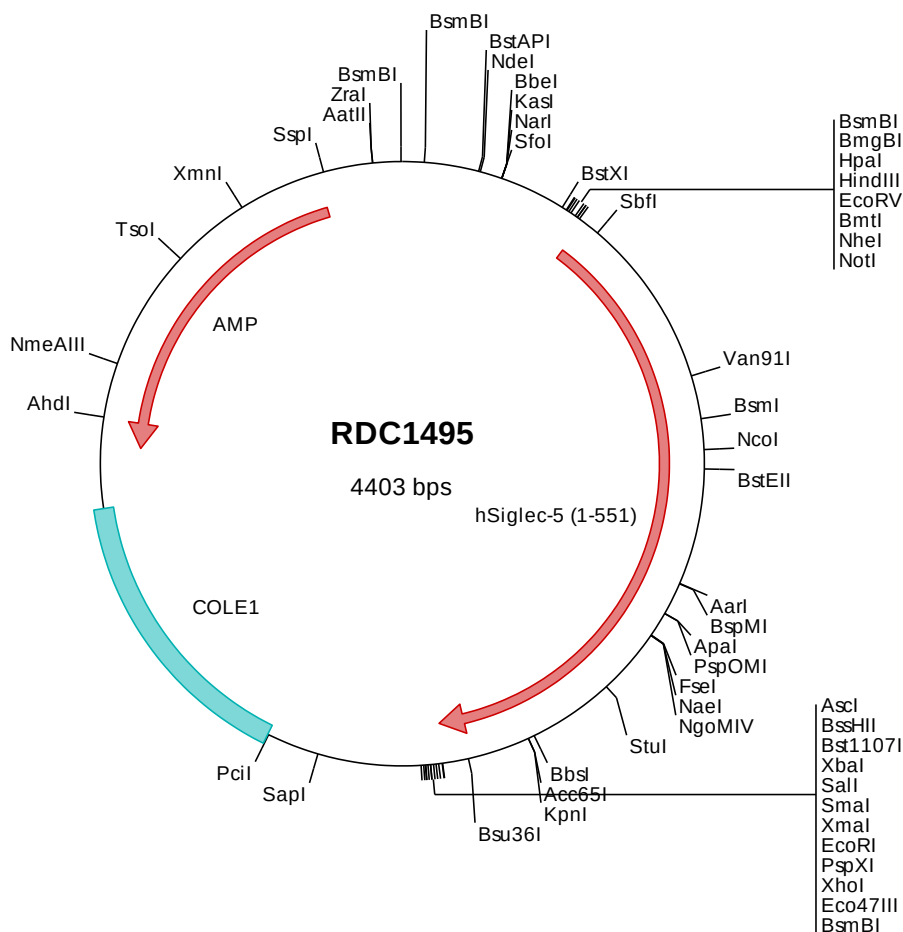
Siglec-5 is a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. It binds to alpha-2, 3- and alpha-2, 6-linked sialic acid equally. It inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B *Streptococcus* (GBS) to Siglec-5 plays a role in GBS immune evasion.

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.



> RDC1495 Plasmid DNA Sequence

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> RDC1495 Translated Insert Sequence

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