

**Specifications:**

Gene:	<i>hSIGLEC8</i>
Accession:	NP_055257
Insert size:	1513bp
Concentration:	10µg at 0.2µg/µL

**hSiglec-8 cDNA  
Plasmid**

**SIGLEC8 sialic acid binding Ig-like lectin 8 [ *Homo sapiens* (human) ]**

**Also known as:** SAF2; SIGLEC-8; SIGLEC8L

**Summary:**

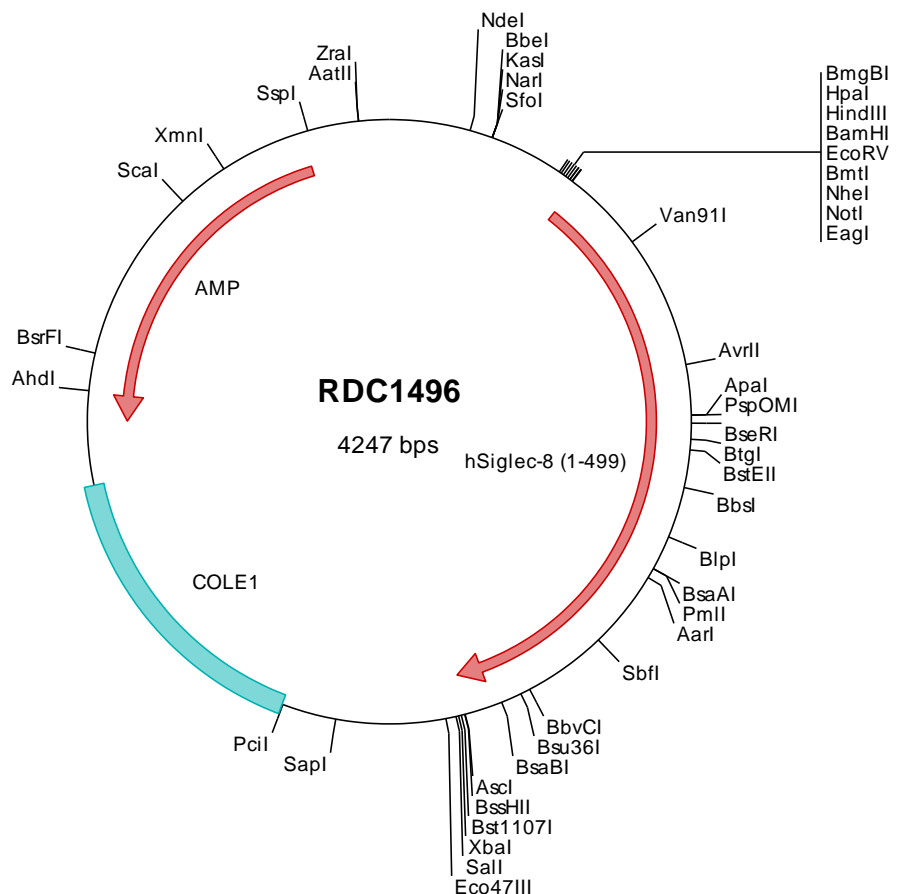
Siglec-8 is a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. Siglec-8 is expressed exclusively on eosinophils, mast cells, and weakly on basophils, and is a marker for eosinophil terminal differentiation. It specifically recognizes 6' sulfated sialyl Lewis X carbohydrate structures. Engagement results in eosinophils apoptosis, or mast cell inhibition of degranulation.

**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

### > RDC1496 Plasmid DNA Sequence

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### > RDC1496 Translated Insert Sequence

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