

**Specifications:**

Gene:	hSEMA5A
Accession:	NP_003957
Insert size:	3238bp
Concentration:	10µg at 0.2µg/µL

## hSemaphorin 5A cDNA Plasmid

**SEMA5A semaphorin 5A [ *Homo sapiens* (human) ]**

**Also known as:** semF; SEMAF

**Summary:**

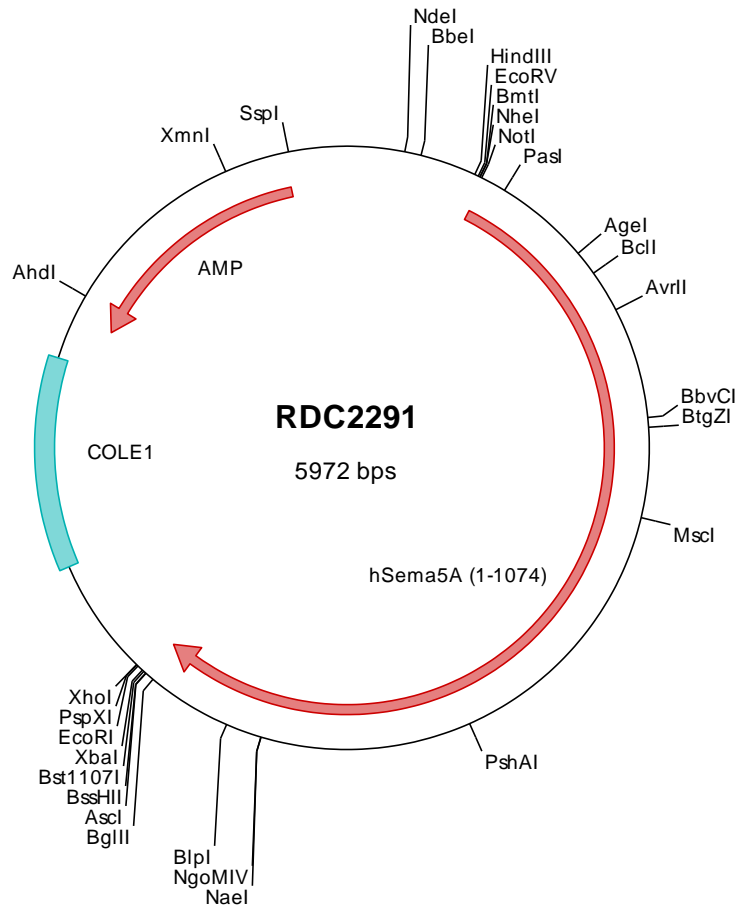
SEMA5A belongs to the semaphorin family. Members of this family contain a semaphorin domain and several thrombospondin type-1 repeats, and are involved in axonal guidance during neural development. SEMA5A has been implicated as an autism susceptibility gene.

**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.



> RDC2291 Plasmid DNA Sequence

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> RDC2291 Translated Insert Sequence

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