

Specifications:

Gene:	mSema6a
Accession:	NP_061214
Insert size:	3109bp
Concentration:	10µg at 0.2µg/µL

mSemaphorin 6A cDNA Plasmid

Sema6a sema domain,
transmembrane domain (TM),
and cytoplasmic domain,
(semaphorin) 6A [*Mus musculus*
(house mouse)]

Also known as: Vla; Semaq;
AI851735; Sema6A-1

Summary:

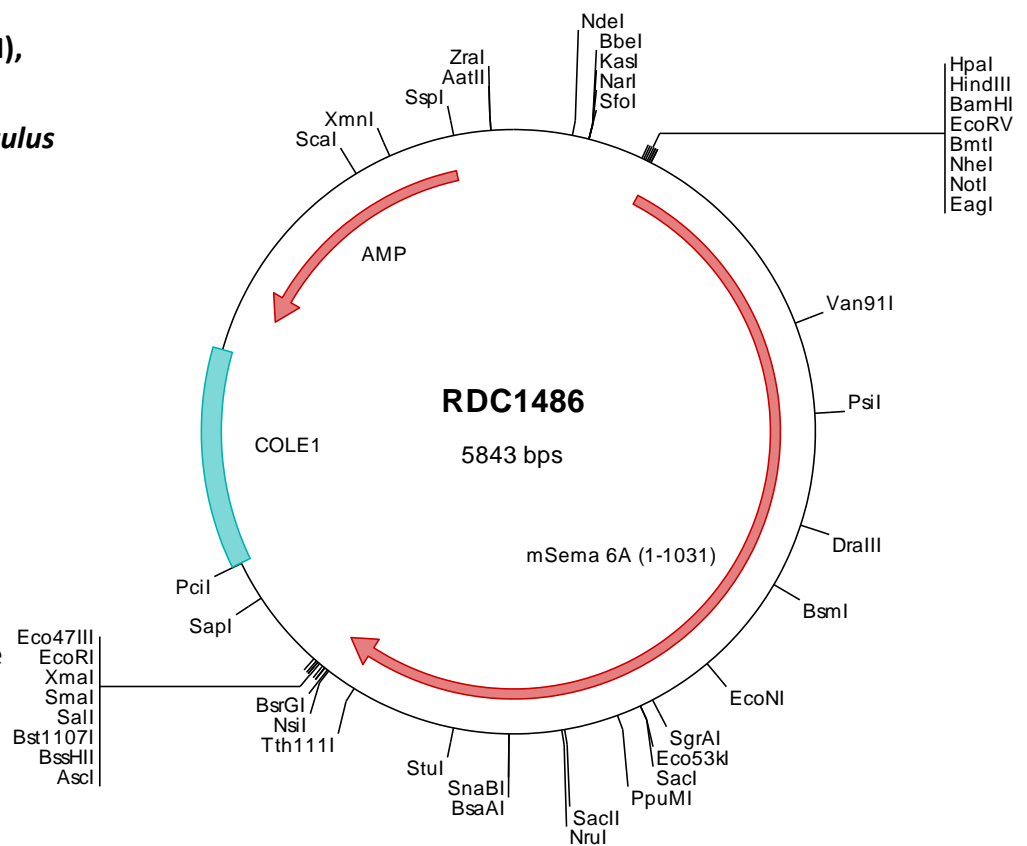
Sema6A is a transmembrane protein belonging to the semaphorin family. It is a cell surface receptor for PLXNA2. Sema6A promotes reorganization of the actin cytoskeleton and plays an important role in axon guidance in the developing central nervous system. It is required for normal granule cell migration in the developing cerebellum.

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

> RDC1486 Plasmid DNA Sequence

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> RDC1486 Translated Insert Sequence

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