

Specifications:

Gene:	<i>mAgrn</i>
Accession:	A2ASQ1
Insert size:	5866bp
Concentration:	10µg at 0.2µg/µL

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.

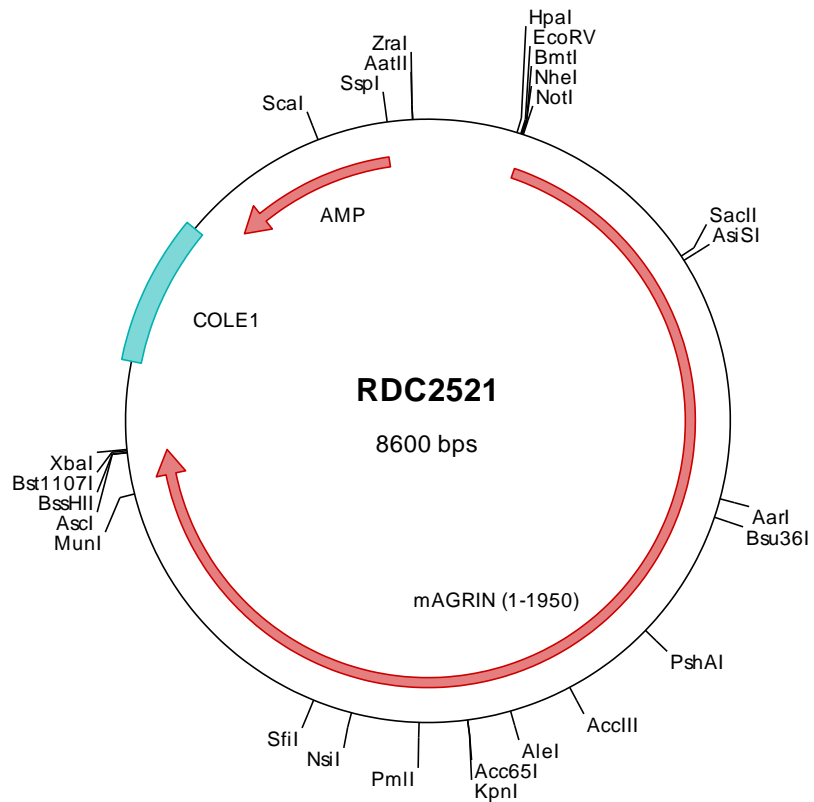
mAgrin cDNA Plasmid

Agrn agrin [*Mus musculus* (house mouse)]

Also known as: Agrin; nmf380

Summary:

Agrin is a heparan sulfate proteoglycan component of the extracellular matrix. It is critical in the development of the neuromuscular junction (NMJ). It contains several laminin G, Kazal type serine protease inhibitor, and epidermal growth factor domains. Additional post-translational modifications occur to add glycosaminoglycans and disulfide bonds.



> RDC2521 Plasmid DNA Sequence

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> RDC2521 Translated Insert Sequence

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