

Specifications:

Gene:	mIgsf9
Accession:	NP_291086
Insert size:	3553bp
Concentration:	10µg at 0.2µg/µL

mIGSF9 cDNA Plasmid

**Igsf9 immunoglobulin
superfamily, member 9 [*Mus
musculus* (house mouse)]**

Also known as: NRT1; Dasm1;
Ncam1; 644ETD8; mKIAA1355;
Kiaa1355-hp

Summary:

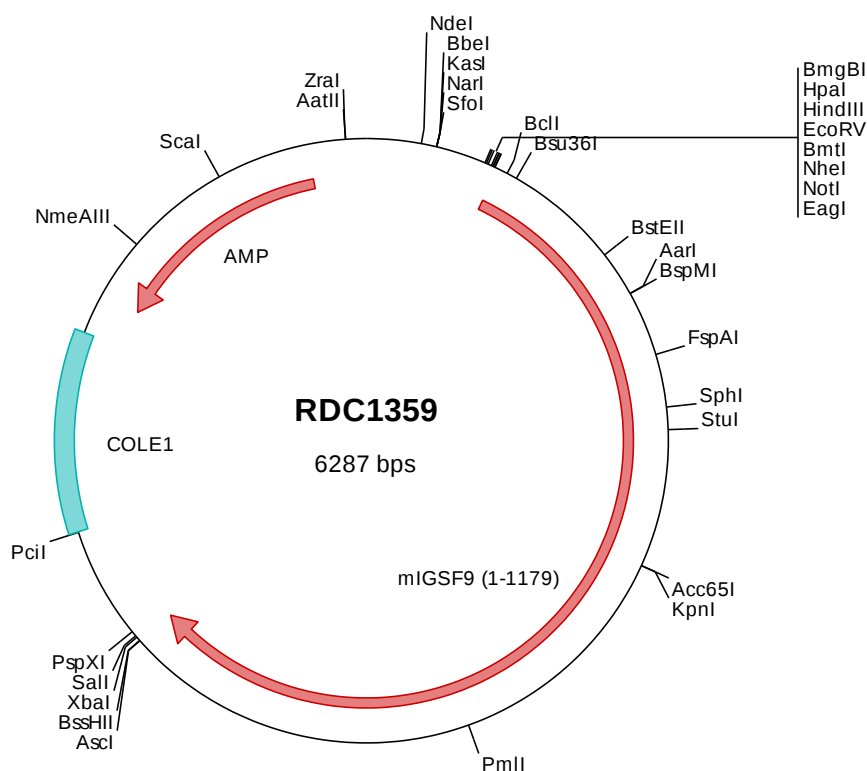
IGSF9 is a member of the immunoglobulin superfamily. It may function in dendrite outgrowth and synapse maturation. The IGSF9 protein structure is typical of NCAM family members, consisting of an N-terminal signal peptide, an extracellular domain containing 5 Ig-like and 2 FN-III domains, a transmembrane domain, and a C-terminal cytoplasmic region.

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.



> RDC1359 Plasmid DNA Sequence

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> RDC1359 Translated Insert Sequence

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