

Specifications:

Gene:	hMDGA2
Accession:	NP_001106970
Insert size:	2884bp
Concentration:	10µg at 0.2µg/µL

hMDGA2 cDNA Plasmid

**MDGA2 MAM domain containing
glycosylphosphatidylinositol
anchor 2 [*Homo
sapiens* (human)]**

Also known as: MAMDC1;
c14_5286

Summary:

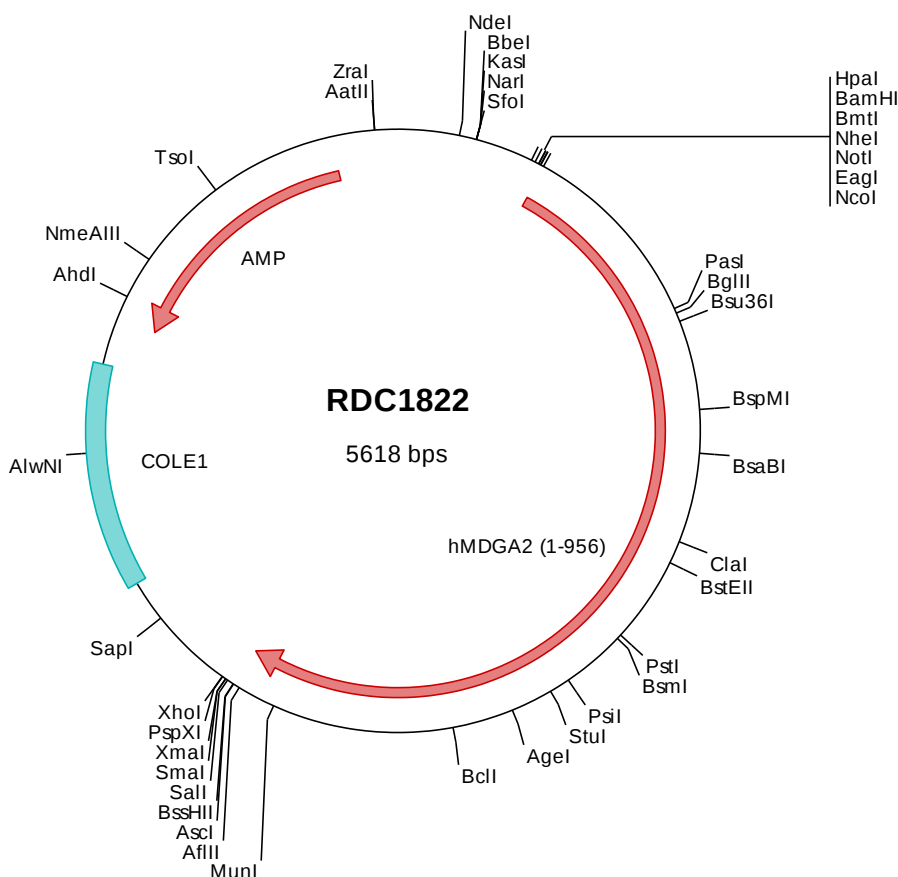
MDGA2 is a member of the Ig superfamily of proteins. MDGA2 is structurally similar to other IgCAMs, such as the L1 family and axonin 1, which have roles in cell adhesion, migration, and process outgrowth. MDGA2 expression is limited to the central and peripheral nervous system. It may play a role in regulating neuronal migration, as well as other aspects of neural development, including axon guidance.

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.



> RDC1822 Plasmid DNA Sequence

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> RDC1822 Translated Insert Sequence

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