

**Specifications:**

Gene:	<i>mAsgr1</i>
Accession:	NP_033844
Insert size:	868bp
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.

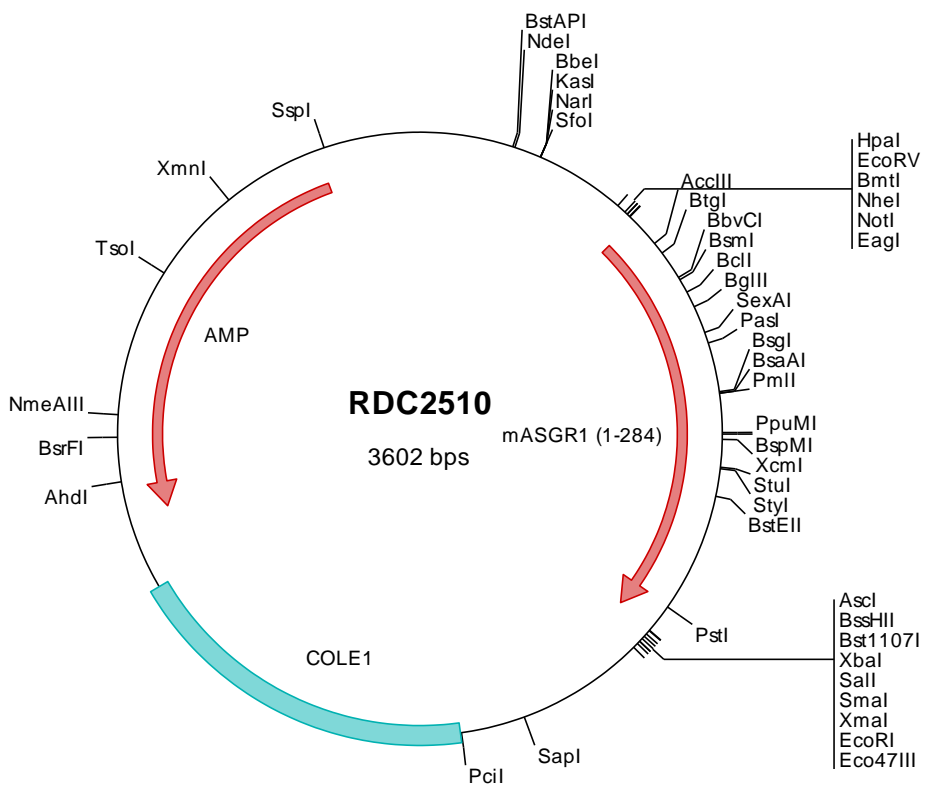
**mASGR1/ASGPR1  
cDNA Plasmid**

**Asgr1 asialoglycoprotein  
receptor 1 [ *Mus musculus*  
(house mouse) ]**

**Also known as:** Asgr; HL-1;  
ASGPR1; Asgr-1

**Summary:**

ASGR1 is a member of the long-form subfamily of the C-type/Ca<sup>2+</sup>-dependent lectin family. The asialoglycoprotein receptor is a complex of two noncovalently-linked subunits, a major glycoprotein, ASGR1, and a minor glycoprotein, ASGR2. ASGR1 plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2510 Plasmid DNA Sequence

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> RDC2510 Translated Insert Sequence

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