

Specifications:

Gene:	<i>h</i> FCAR
Accession:	NP_001991
Insert size:	877bp
Concentration:	10µg at 0.2µg/µL

*h*FCAR/CD89 cDNA Plasmid

**FCAR Fc fragment of IgA
receptor [*Homo sapiens*
(human)]**

Also known as: CD89; FcαRI;
CTB-61M7.2

Summary:

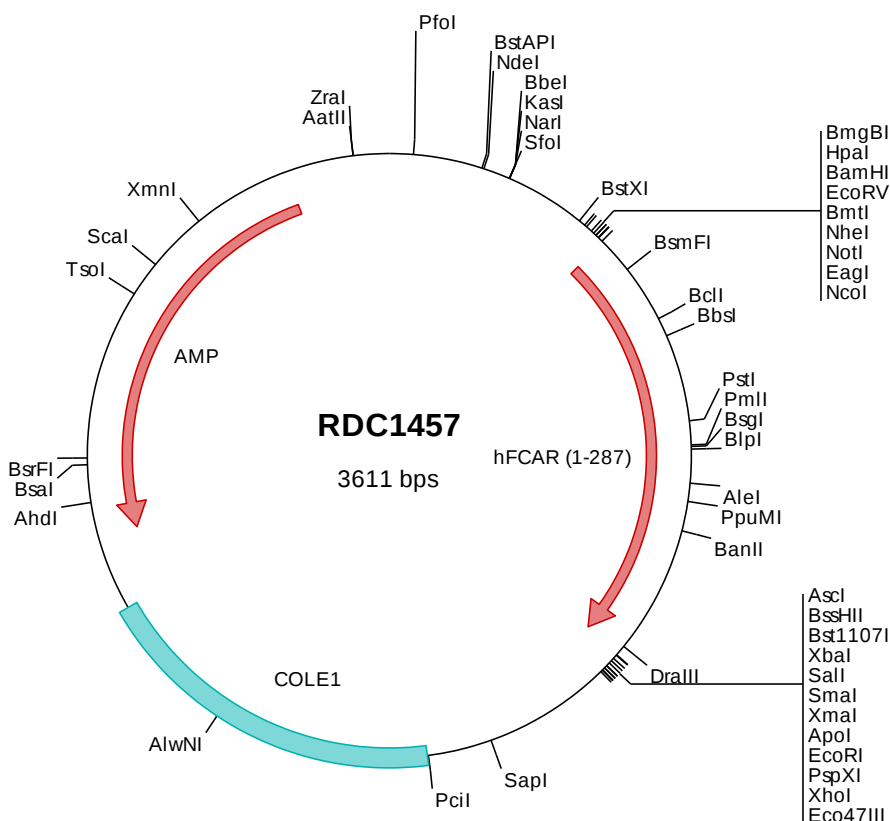
FCAR is a receptor for the Fc region of immunoglobulin A. It is a transmembrane glycoprotein present on the surface of myeloid lineage cells such as neutrophils, monocytes, macrophages, and eosinophils, where it mediates immunologic responses to pathogens. It interacts with IgA-opsonized targets and triggers several immunologic defense processes, including phagocytosis, antibody-dependent cell-mediated cytotoxicity, and stimulation of the release of inflammatory mediators.

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.



> RDC1457 Plasmid DNA Sequence

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> RDC1457 Translated Insert Sequence

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