

Specifications:

Gene:	<i>hFCGR2A</i>
Accession:	CAA68672
Insert size:	967bp
Concentration:	10µg at 0.2µg/µL

hFcγRIIA/CD32a cDNA Plasmid

FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [*Homo sapiens* (human)]

Also known as: CD32; FCGR2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1

Summary:

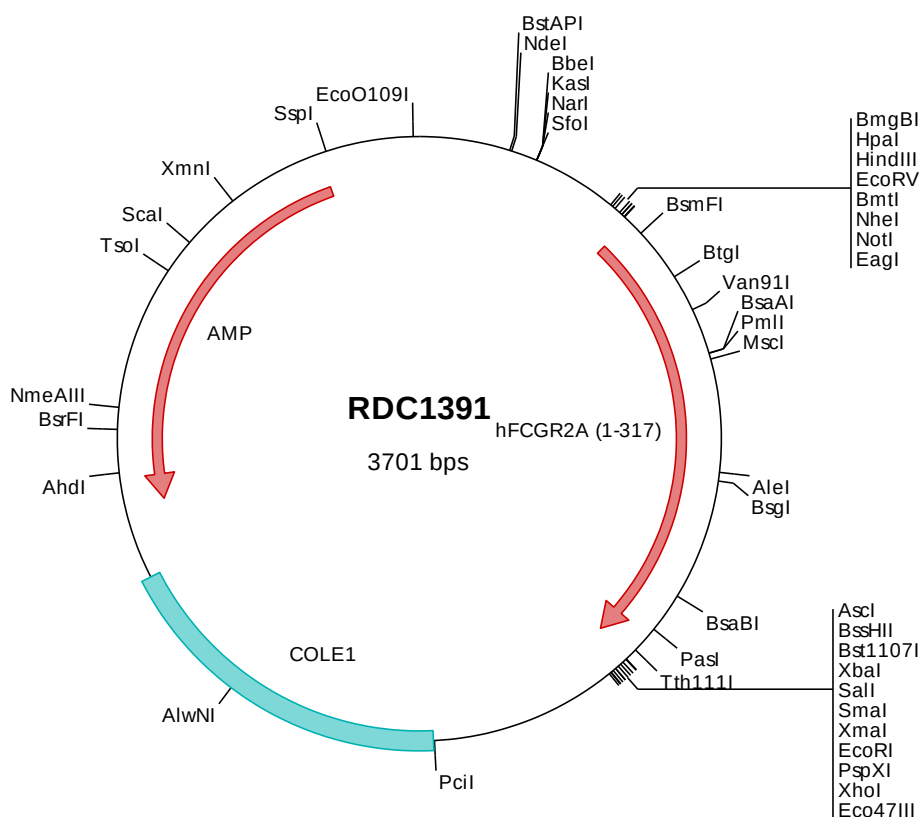
FCGR2A is a member of the immunoglobulin superfamily. It is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils. Signaling through FCGR2A results in the initiation of inflammatory responses (cytolysis, phagocytosis, degranulation and cytokine production) that can be modulated by signals from the inhibitory receptors. The strength of the signal is dependent on the ratio of expression of the activating and inhibitory receptors. Alternatively spliced transcripts encoding different proteins have been described.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1391 Plasmid DNA Sequence

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> RDC1391 Translated Insert Sequence

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