

Specifications:

Gene:	hFCGR1A
Accession:	NP_000557
Insert size:	1138bp
Concentration:	10 μ g at 0.2 μ g/ μ L

**hFc γ RI/CD64 cDNA
Plasmid**

FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [*Homo sapiens* (human)]

Also known as: CD64; FCRI; CD64A; IGFR1

Summary:

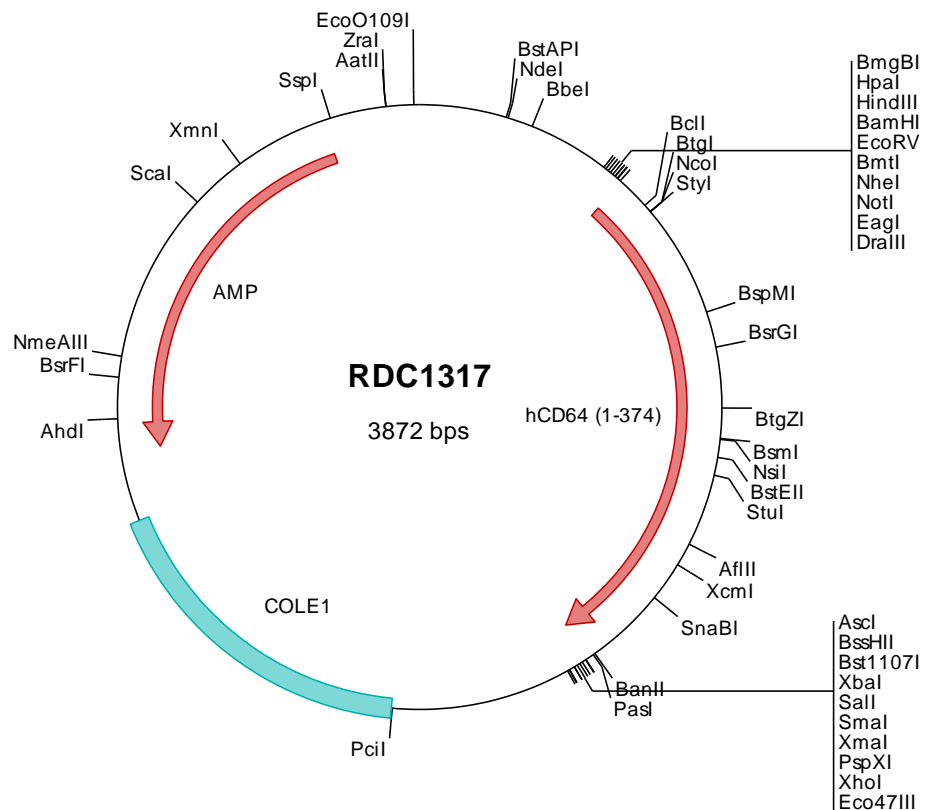
FCGR1 is a member of the Ig superfamily. It is a high affinity receptor for the Fc region of immunoglobulin gamma. It functions in both innate and adaptive immune responses. FCGR1 is expressed constitutively on monocytes and macrophages and can be induced on neutrophils and eosinophils. Its expression is up-regulated during bacterial infections and sepsis. FCGR1 is one of three related gene family members located on chromosome 1.

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

> RDC1317 Plasmid DNA Sequence

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> RDC1317 Translated Insert Sequence

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