

Specifications:

Gene:	rFcgr1a
Accession:	NP_001094306
Insert size:	1074bp
Concentration:	10 μ g at 0.2 μ g/ μ L

rFc γ RI/CD64 cDNA Plasmid

Fcgr1a Fc fragment of IgG
receptor Ia [*Rattus norvegicus*
(Norway rat)]

Also known as: Fcgr1; Fcgr1b;
FcgammaRI

Summary:

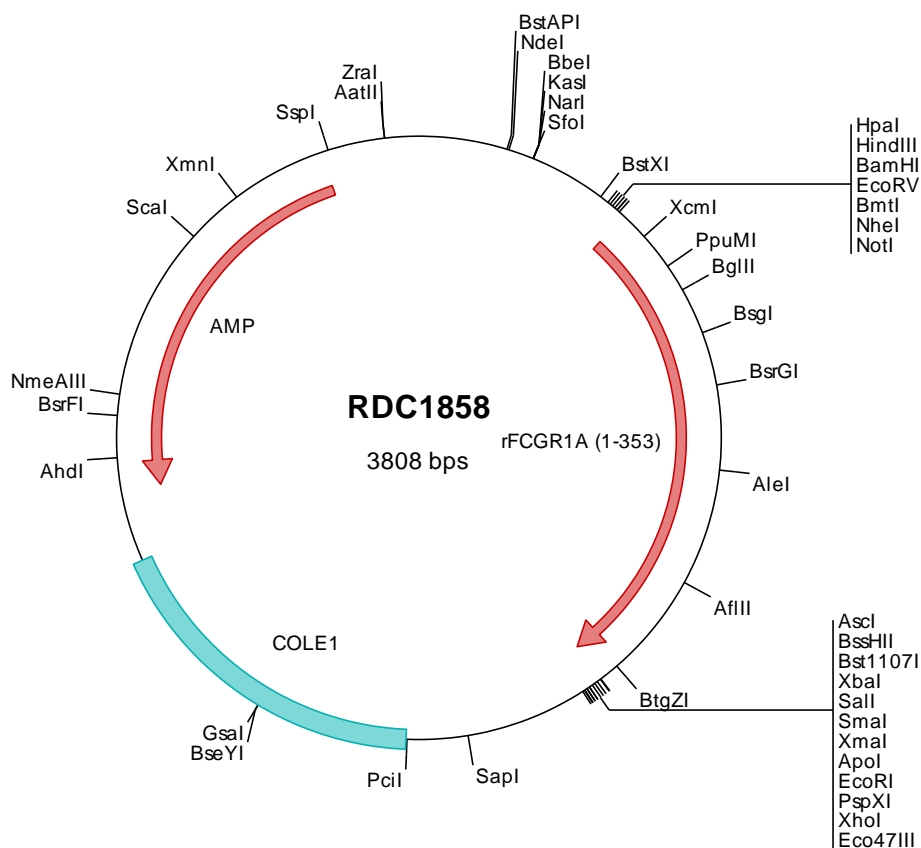
FCGR1 is a member of the Ig superfamily. It is a high affinity receptor for the Fc region of immunoglobulin gamma. It functions in both innate and adaptive immune responses. FCGR1 is expressed constitutively on monocytes and macrophages and can be induced on neutrophils and eosinophils. Its expression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

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

> RDC1858 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101 tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC1858 Translated Insert Sequence

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