*h*FcγRIIB VersaClone cDNA

Catalog Number: RDC1340

Specifications:

Gene:	*h*FCGR2B
Accession:	NP_003992
Insert size:	946bp
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

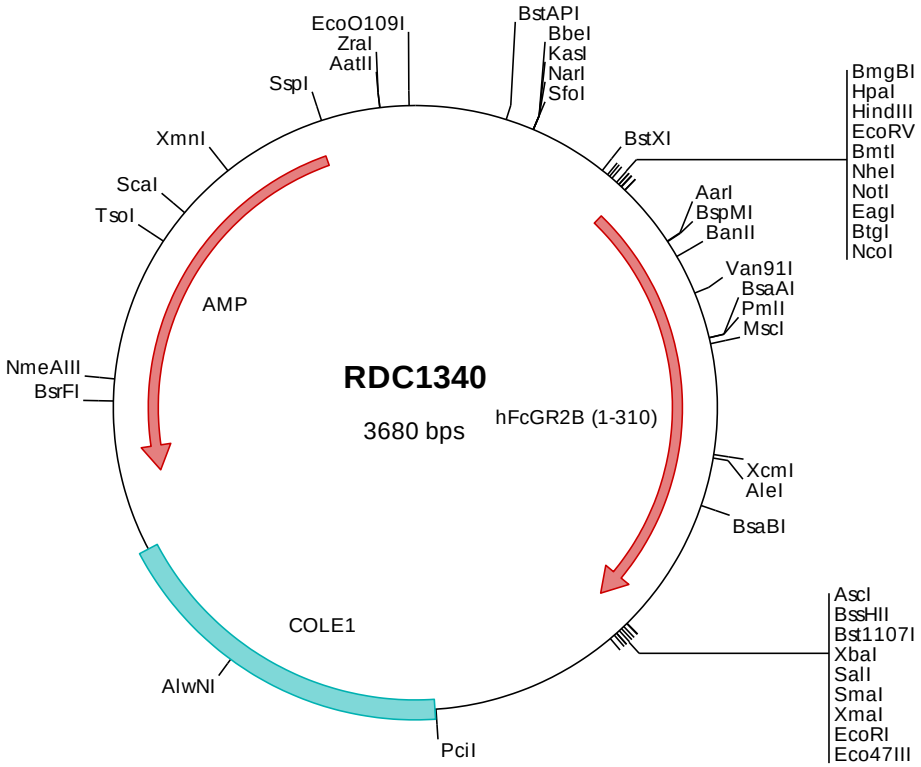
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*FcγRIIB cDNA Plasmid

FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [*Homo sapiens* (human)]

Also known as: CD32; FCG2; CD32B; FCGR2; IGFR2

Summary:
FCGR2B is a member of the Ig superfamily. It is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. It is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in FCGR2B may increase susceptibility to systemic lupus erythematosus (SLE). Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1340 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgggaatcc tgtcattctt acctgtcctt gccactgaga gtgactgggc
 501  tgactgcaag tccccccagc cttggggtca tatgcttctg tggacagctg tgctattcct ggctcctgtt gctgggacac ctgcagctcc cccaaaggct
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 701  ggttccacaa tgggaatctc attcccaccc acacgcagcc cagctacagg ttcaaggcca acaacaatga cagcggggag tacacgtgcc agactggcca
 801  gaccagcctc agcgaccctg tgcatctgac tgtgctttct gagtggctgg tgctccagac ccctcacctg gagttccagg agggagaaac catcgtgctg
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1601  cagtcgggaa acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc ttccgcttcc tcgctcactg
1701  actcgctgcg ctcggtcgtt cggctgcggc gagcggtatc agctcactca aaggcggtaa tacggttatc cacagaatca ggggataacg caggaaagaa
1801  catgtgagca aaaggccagc aaaaggccag gaaccgtaaa aaggccgcgt tgctggcgtt tttccatagg ctccgccccc ctgacgagca tcacaaaaat
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> RDC1340 Translated Insert Sequence

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 101  fkannndsge ytcqtgqtsl sdpvhltvls ewlvlqtphl efqegetivl rchswkdkpl vkvtffqngk skkfsrsdpn fsipqanhsh sgdyhctgni
 201  gytlysskpv titvqapsss pmgiivavvt giavaaivaa vvaliycrkk risalpgype cremgetlpe kpanptnpde adkvgaenti tysllmhpda
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