

Specifications:

Gene:	<i>h</i> FCER2
Accession:	NP_001993
Insert size:	978bp
Concentration:	10µg at 0.2µg/µL

*h*CD23/*Fcε*RII cDNA Plasmid

**FCER2 Fc fragment of IgE
receptor II [*Homo sapiens*
(human)]**

Also known as: CD23; FCE2;
CD23A; IGEBF; CLEC4J; BLAST-2

Summary:

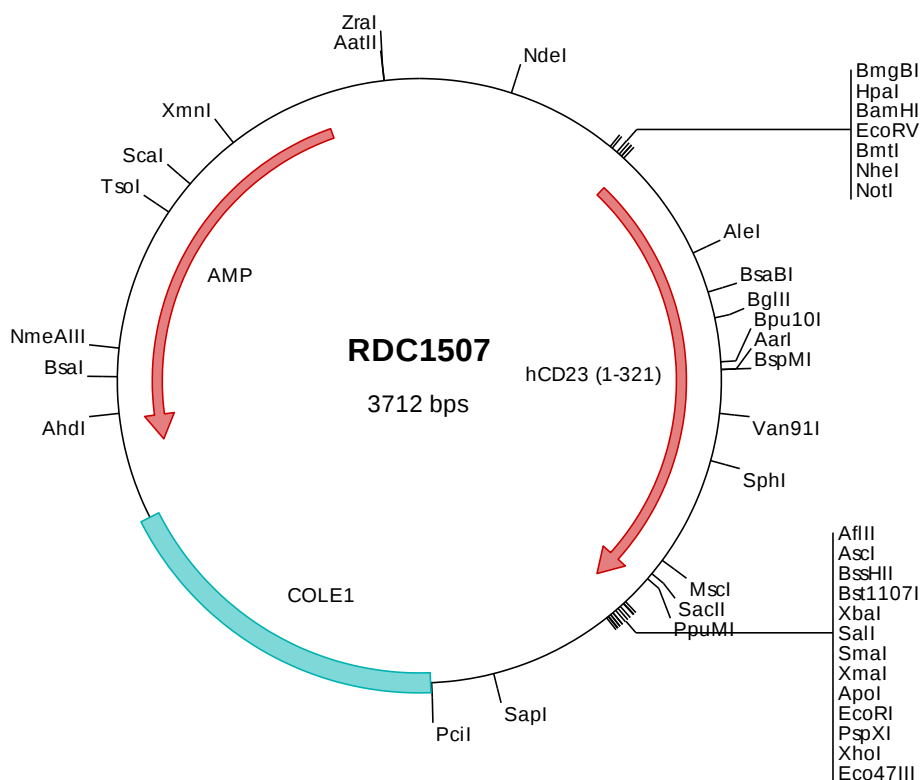
CD23 is a member of subgroup II of the C-type (Ca⁺⁺-dependent) lectin superfamily. It is a B-cell specific antigen and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. CD23 also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. 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.



> RDC1507 Plasmid DNA Sequence

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1   tcgcgcgttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1507 Translated Insert Sequence

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201  ihspeeqdfl tkhashtgsw iglnrldlkg efiwvdgshv dysnwapgep tsrsqgedcv mmrsgsgrwnd afcdrklgaw vcdrlatctp pasegsaesm
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