

Specifications:

Gene:	<i>h</i> CD55
Accession:	NP_000565
Insert size:	1159bp
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.

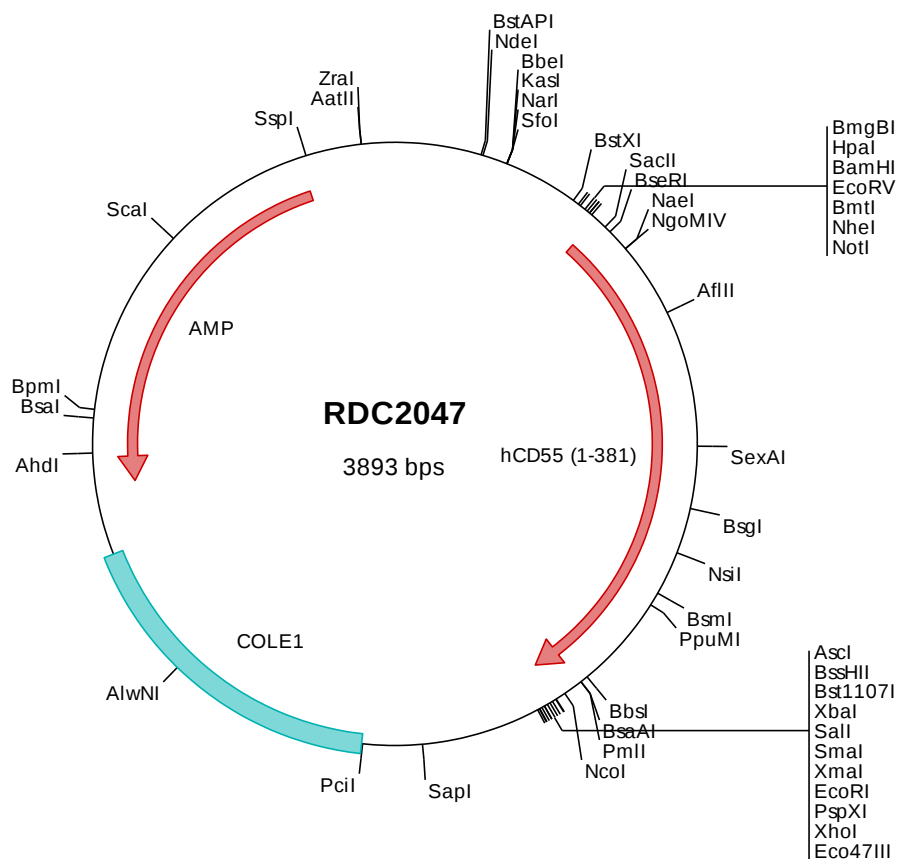
*h*CD55/DAF cDNA Plasmid

CD55 CD55 molecule (Cromer blood group) [*Homo sapiens* (human)]

Also known as: CR; TC; DAF; CROM

Summary:

CD55 is a glycoprotein involved in the regulation of the complement cascade. Binding of CD55 to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Alternatively spliced transcripts encoding different proteins have been described.



> RDC2047 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
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201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctcgcg  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
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> RDC2047Translated Insert Sequence

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