

Specifications:

Gene:	<i>hADIPOQ</i>
Accession:	NP_004788
Insert size:	748bp
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.

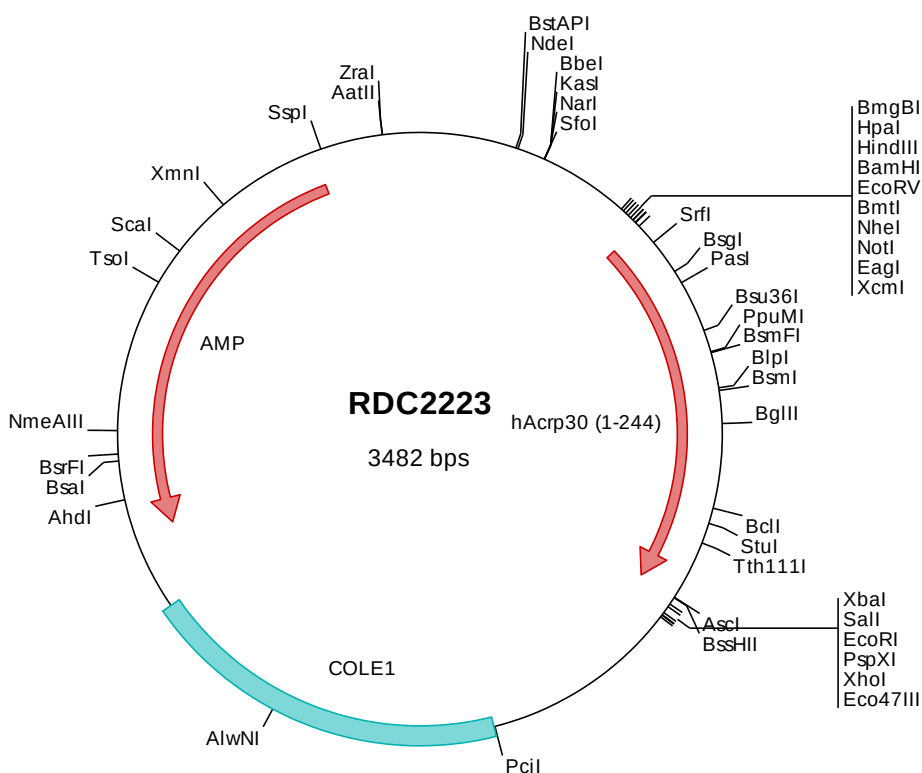
hAdiponectin/Acrp30 cDNA Plasmid

ADIPOQ adiponectin, C1Q and collagen domain containing
[*Homo sapiens* (human)]

Also known as: ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1

Summary:

Acrp30 is expressed in adipose tissue exclusively. It is similar to collagens X and VIII and complement factor C1q. Acrp30 circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in Acrp30 are associated with adiponectin deficiency.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2223 Plasmid DNA Sequence

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1   tcgcgcgttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2223 Translated Insert Sequence

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