

Specifications:

Gene:	hGP6
Accession:	NP_057447
Insert size:	1033bp
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.

hGPVI cDNA Plasmid

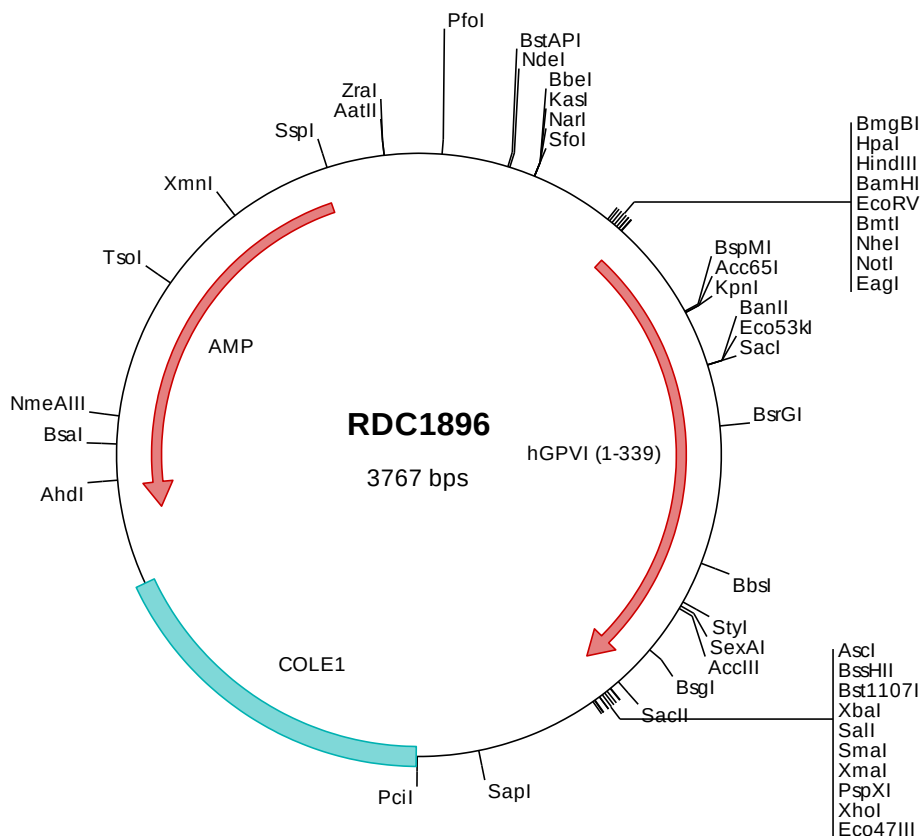
GP6 glycoprotein VI platelet

[*Homo sapiens* (human)]

Also known as: GPIV; GPVI;
BDPLT11

Summary:

GPVI is a platelet membrane glycoprotein of the immunoglobulin superfamily. It is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. GPVI forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in GPVI are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1896 Plasmid DNA Sequence

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> RDC1896 Translated Insert Sequence

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