*h*GPIX VersaClone cDNA

Catalog Number: RDC1856

Specifications:

Gene:	*h*GP9
Accession:	NP_000165
Insert size:	547bp
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

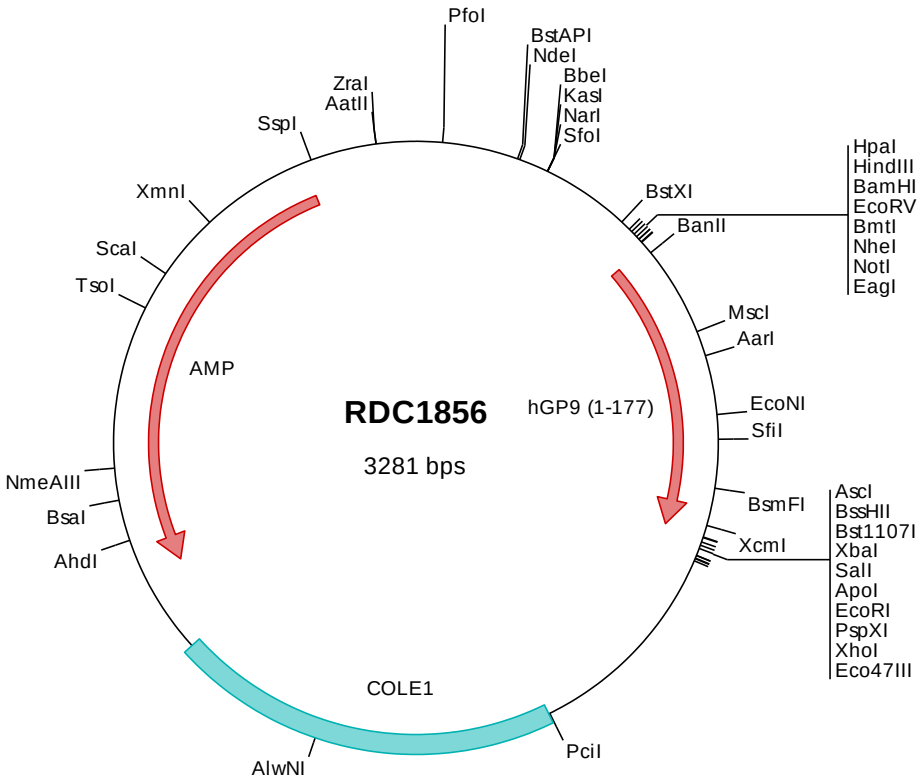
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*GPIX cDNA Plasmid

GP9 glycoprotein IX platelet
[*Homo sapiens* (human)]

Also known as: GPIX; CD42a

Summary:
GP9 is a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with GP9 and platelet glycoprotein V. Defects in GP9 are a cause of Bernard-Soulier syndrome, also known as giant platelet disease.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
a bio-techne brand

> RDC1856 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
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgcctgcct ggggagccct gttcctgctc tgggccacag cagaggccac
 501  caaggactgc cccagcccat gtacctgccg cgccctggaa accatggggc tgtgggtgga ctgcaggggc cacggactca cggccctgcc tgccctgccg
 601  gcccgcaccc gccaccttct gctggccaac aacagccttc agtccgtgcc cccgggagcc tttgaccacc tgccccagct gcagaccctc gatgtgacgc
 701  agaacccctg gcactgtgac tgcagcctca cctatctgcg cctctggctg gaggaccgca cgcccgaggc cctgctgcag gtccgctgtg ccagccccag
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 901  gacgtggcgc tggtcgccgt ggccgcgctg ggcctggctc ttctggctgg cctgctgtgc gccaccacag aggccctgga ttaaaggcgc gccagtatac
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1101  ttccacacaa catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg ttgcgctcac tgcccgcttt
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1901  aggacagtat ttggtatctg cgctctgctg aagccagtta ccttcggaaa aagagttggt agctcttgat ccggcaaaca aaccaccgct ggtagcggtg
2001  gttttttttgt ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct gacgctcagt ggaacgaaaa
2101  ctcacgttaa gggattttgg tcatgagatt atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta aatcaatcta aagtatatat
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2901  cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca gcatctttta ctttcaccag
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3101  tattgaagca tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaatagggggt tccgcgcaca tttccccgaa
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> RDC1856 Translated Insert Sequence

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