*h*CD42b/GPIbα VersaClone cDNA

Catalog Number: RDC1834

Specifications:

Gene:	*h*GP1BA
Accession:	NP_000164
Insert size:	1971bp
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

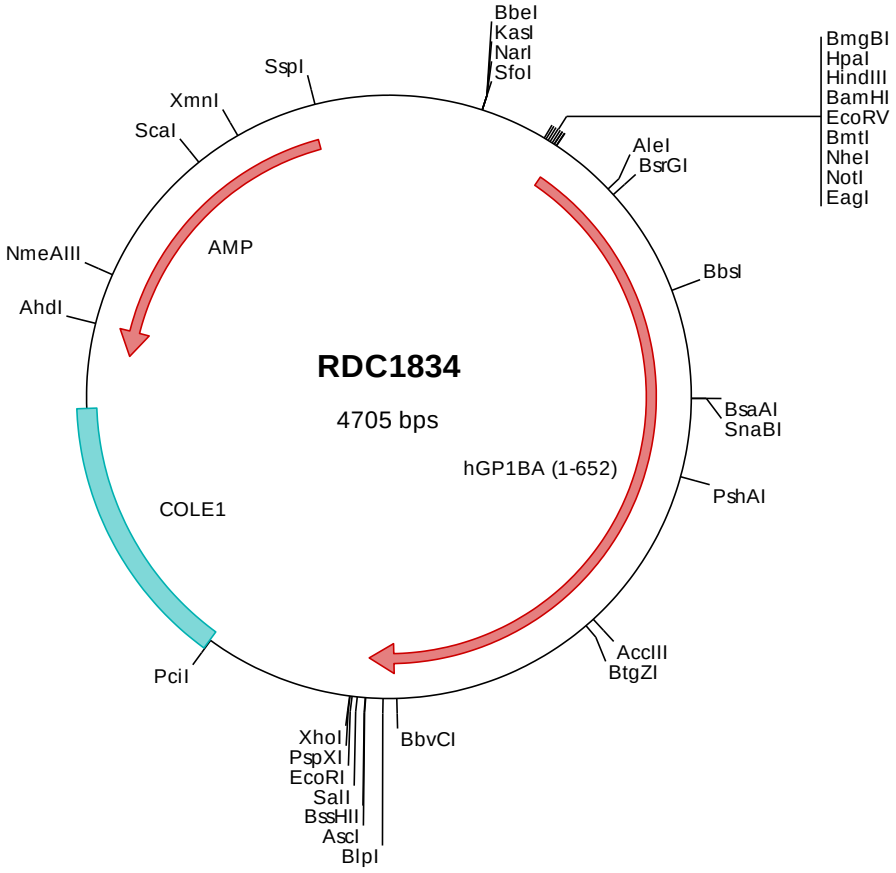
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CD42b/GPIbα cDNA Plasmid

GP1BA glycoprotein Ib platelet alpha subunit [*Homo sapiens* (human)]

Also known as: BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; GPIbalpha; CD42b-alpha

Summary:
GP1BA is the alpha subunit of the heterodimeric transmembrane receptor platelet glycoprotein Ib (GPIb). The GPIb functions as a receptor for von Willebrand factor (VWF). Mutations in GP1BA result in Bernard-Soulier syndromes and platelet-type von Willebrand disease.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1834 Plasmid DNA Sequence

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 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 atgcctctcc tcctcttgct gctcctgctg ccaagcccct tacaccccca
 501  ccccatctgt gaggtctcca aagtggccag ccacctagaa gtgaactgtg acaagaggaa tctgacagcg ctgcctccag acctgccgaa agacacaacc
 601  atcctccacc tgagtgagaa cctcctgtac accttctccc tggcaaccct gatgccttac actcgcctca ctcagctgaa cctagatagg tgcgagctca
 701  ccaagctcca ggtcgatggg acgctgccag tgctggggac cctggatcta tcccacaatc agctgcaaag cctgcccttg ctagggcaga cactgcctgc
 801  tctcaccgtc ctggacgtct ccttcaaccg gctgacctcg ctgcctcttg gtgccctgcg tggtcttggc gaactccaag agctctacct gaaaggcaat
 901  gagctgaaga ccctgccccc agggctcctg acgcccacac ccaagctgga gaagctcagt ctggctaaca acaacttgac tgagctcccc gctgggctcc
1001  tgaatgggct ggagaatctc gacacccttc tcctccaaga gaactcgctg tatacaatac caaagggctt ttttgggtcc cacctcctgc cttttgcttt
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1201  gacgtcaagg ccatgacctc taacgtggcc agtgtgcagt gtgacaattc agacaagttt cccgtctaca aatacccagg aaaggggtgc cccacccttg
1301  gtgatgaagg tgacacagac ctatatgatt actacccaga agaggacact gagggcgata aggtgcgtgc cacaaggact gtggtcaagt tccccaccaa
1401  agcccatata acccccctggg gtctattcta ctcatggtcc actgcttctc tagacagcca aatgccctcc tccttgcatc caacacaaga atccactaag
1501  gagcagacca cattcccacc tagatggacc ccaaatttca cacttcatat ggaatcaatc acattctcca aaactccaaa atctacaact gaaccaaccc
1601  ctagcccgac cacttcagag cctgtcccag agcccgcccc aaacatgaca actcttgaac ctactccaag tccaacaact ccagaaccta ccagtgagcc
1701  tgctccatca cctacaactc cagaacctac ctctgagcca gctcctagtc cgaccacacc tgagccaact tcagaacctg caccgagccc aacgactccg
1801  gagcctaccc caatccctac catcgccaca agcccaacaa tcctggtgtc tgccacaagc ctgatcactc caaaaagcac atttttaact accacaaaac
1901  ccgtatcact cttagaatcc accaaaaaga ccatccctga acttgatcag ccacctaagc tccgtggggt gctccaaggg catttggaga gctccagaaa
2001  tgacccttttt ctccaccccg acttttgctg cctcctaccc ctgggcttct atgtcttggg tctcttctgg ctactctttg cctctgtggt cctcatccta
2101  ctgttgagct gggttgggca tgtgaaacca caggccctgg actctggcca aggtgctgct ctgaccacag ccacacaaac tacacacctg gagctgcaga
2201  ggggacggca agtgacagtg ccccgggcct ggctgctctt ccttcgaggt tcgcttccca ctttccgctc cagcctcttc ctgtgggtac ggcctaatgg
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2401  agcctctaag gcgcgccagt atactctaga gtcgacaccc ggggaattcc tcgagcgctc gtctctagct tggcgtaatc atggtcatag ctgtttcctg
2501  tgtgaaattg ttatccgctc acaattccac acaacatacg agccggaagc ataaagtgta aagcctgggg tgcctaatga gtgagctaac tcacattaat
2601  tgcgttgcgc tcactgcccg ctttccagtc gggaaacctg tcgtgccagc tgcattaatg aatcggccaa cgcgcgggga gaggcggttt gcgtattggg
2701  cgctcttccg cttcctcgct cactgactcg ctgcgctcgg tcgttcggct gcggcgagcg gtatcagctc actcaaaggc ggtaatacgg ttatccacag
2801  aatcagggga taacgcagga aagaacatgt gagcaaaagg ccagcaaaag gccaggaacc gtaaaaaggc cgcgttgctg gcgtttttcc ataggctccg
2901  ccccccctgac gagcatcaca aaaatcgacg ctcaagtcag aggtggcgaa acccgacagg actataaaga taccaggcgt ttcccccctgg aagctccctc
3001  gtgcgctctc ctgttccgac cctgccgctt accggatacc tgtccgcctt tctcccttcg ggaagcgtgg cgctttctca atgctcacgc tgtaggtatc
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3401  aacaaaccac cgctggtagc ggtggttttt ttgtttgcaa gcagcagatt acgcgcagaa aaaaaggatc tcaagaagat cctttgatct tttctacggg
3501  gtctgacgct cagtggaacg aaaactcacg ttaagggatt ttggtcatga gattatcaaa aaggatcttc acctagatcc ttttaaatta aaaatgaagt
3601  tttaaatcaa tctaaagtat atatgagtaa acttggtctg acagttacca atgcttaatc agtgaggcac ctatctcagc gatctgtcta tttcgttcat
3701  ccatagttgc ctgactcccc gtcgtgtaga taactacgat acgggagggc ttaccatctg gccccagtgc tgcaatgata ccgcgagacc cacgctcacc
3801  ggctccagat ttatcagcaa taaaccagcc agccggaagg gccgagcgca gaagtggtcc tgcaacttta tccgcctcca tccagtctat taattgttgc
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> RDC1834 Translated Insert Sequence

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 201  ytipkgffgs hllpfaflhg npwlcnceil yfrrwlqdna envyvwkqgv dvkamtsnva svqcdnsdkf pvykypgkgc ptlgdegdtd lydyypeedt
 301  egdkvratrt vvkfptkaht tpwglfysws tasldsqmps slhptqestk eqttfpprwt pnftlhmesi tfsktpkstt eptpspttse pvpepapnmt
 401  tleptpsptt peptsepaps pttpeptsep apspttpept sepapsptтp eptpiptiat sptilvsats litpkstflt ttkpvslles tkktipeldq
 501  ppklrgvlqg hlessrndpf lhpdfcllp lgfyvlglfw llfasvvlil llswvghvkp qaldsgqgaa lttatqtthl elqrgrqvtv prawllflrg
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