*cyno*ITGB3/CD61 VersaClone cDNA

Catalog Number: RDC2558

Specifications:

Gene:	*cyno*ITGB3
Accession:	XP_005584667
Insert size:	2380bp
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.

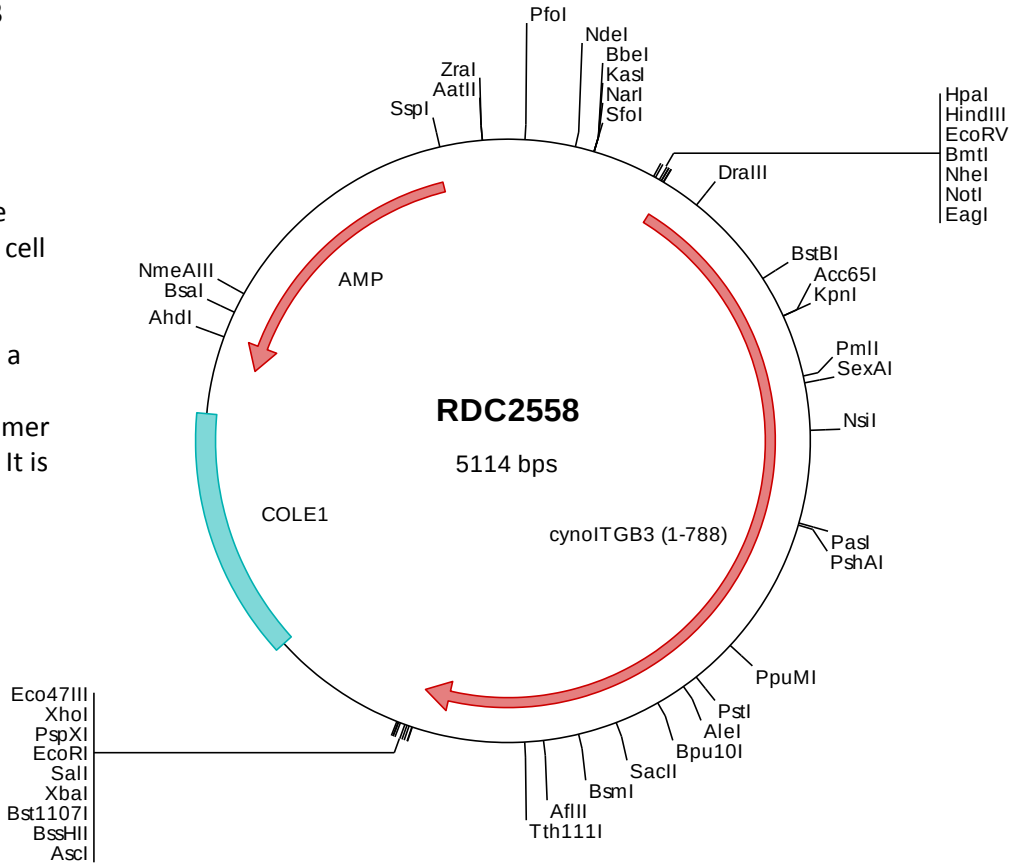
Preparation and Storage

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.

*cyno*ITGB3/CD61 cDNA Plasmid

ITGB3 integrin subunit beta 3 [*Macaca fascicularis* (crab-eating macaque)]

Summary:
Integrins are integral cell-surface proteins known to participate in cell adhesion as well as cell-surface mediated signaling. They are composed of an alpha chain and a beta chain. ITGB3 is the integrin beta chain that forms a heterodimer with alpha-IIb or alpha-V chains. It is involved in platelet aggregation, which can repair damaged endothelial cells, such as those found in Glanzmann thrombasthenia.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2558 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
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 801  gctccggcca gatgattcga agaatttctc catccaagtg cggcaggtgg aggattaccc tgtggacatc tactacttga tggacctgtc ttactccatg
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1701  tggagacacg gtgagcttca gcattgaggc caaggtgcga ggctgccccc aggagaagga gaagtccttt accatcaagc ccgtgggctt caaggacagc
1801  ctgatcgtcc aggtcacctt tgattgcgac tgtgcctgcc aggcccaagc tgaacctaat agccgtcact gcaacaatgg caatgggacc tttgagtgtg
1901  gggtgtgccg ttgtgggcct ggctggctgg gatcccagtg tgagtgctca gaggaggact atcgcccttc ccagcaggac gagtgcagcc cccgggaggg
2001  tcagcccgtc tgcagccagc ggggcgagtg tctctgtggt caatgtgtct gccacagcag tgactttggc aagatcacgg gcaagtactg cgagtgtgat
2101  gacttctcct gtgtccgcta caagggggag atgtgctcag gccatggcca gtgcagctgt ggggactgcc tgtgtgactc cgactggacc ggctactact
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3001  cacattaatt gcgttgcgct cactgcccgc tttccagtcg ggaaacctgt cgtgccagct gcattaatga atcggccaac gcgcggggag aggcggtttg
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> RDC2558 Translated Insert Sequence

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 301  vgsdnhysas ttmdypslgl mteklsqkni nlifavtenv vnlyqnysel ipgttvgvls mdssnvlqli vdaygkirsk velevrdlpe elslsfnatc
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