*cyno*VSIG1 VersaClone cDNA

Catalog Number: RDC3072

Specifications:

Gene:	*cyno*VSIG1
Accession:	XP_005594378.1
Insert size:	1177bp
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

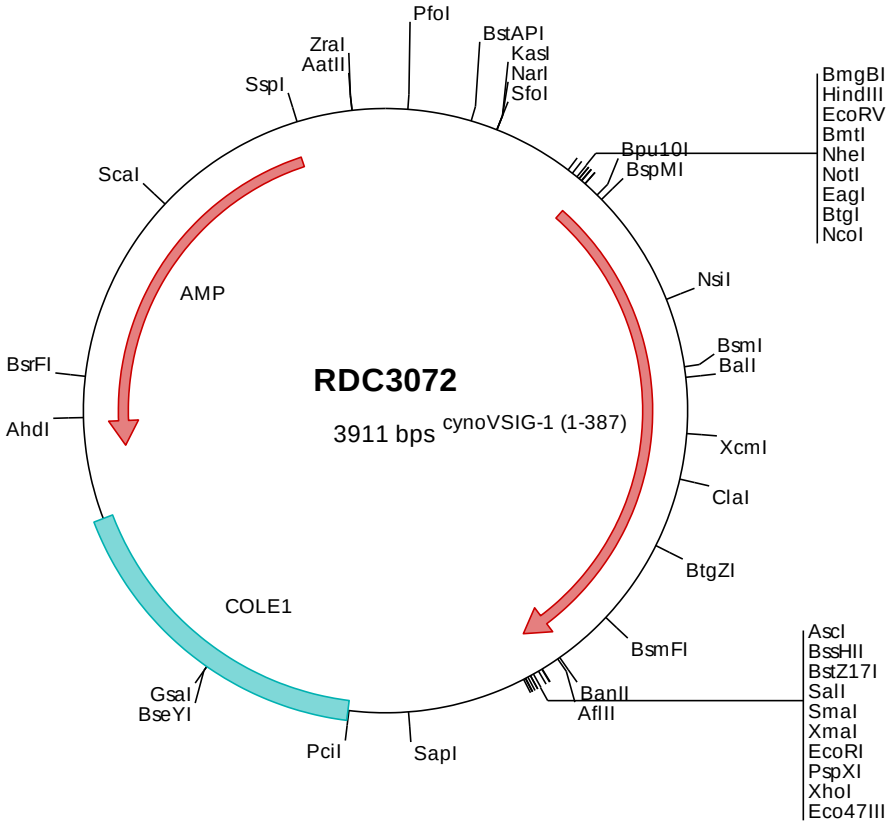
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*cyno*VSIG1 cDNA Plasmid

VSIG1 V-set and immunoglobulin domain containing 1 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

VSIG1 is a member of the junctional adhesion molecule (JAM) family. It is a type I transmembrane glycoprotein that contains multiple glycosylation sites at the N-terminal region, and multiple phosphorylation sites and glutamic acid/proline (EP) repeats at the C-terminal region. It is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. VSIG1 is likely to serve as an adhesion molecule.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC3072 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 atggtgttcg cattttggaa ggtctttctg atcctaagct gccttgcagg
 501  tcaggttagt gtggtgcaag tgaccatccc agacagtttc gtgaacgtga ctgttggatc taatgtcact ctcgtctgca tctataccac cactgtggcc
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 701  gacaatttaa agatcgaatt acagggtcca acgatccagg taatgcatct atcactatct cgcatatgca gccagcggac agtggaattt acatctgtga
 801  tgttaacaac cccccagact ttctcggcca aaaccaaggt gtcctcaacg tcagtgtgtt agtgaaacct tctaagcccc tttgtagcat tcaaggaaga
 901  ccagaaactg gccacactat ttccctttcc tgtctctctg cgcttggaac accttcccct gtgtactact ggtataaact tgagggaaga gacatcgtgc
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1101  tggcaatagt tcctgcgaaa tcgatctcac ttcttcacat ccagaagttg gaatcattgt tggggccttg atcggtagcc tggtaggtgc cgccatcatc
1201  atctctgttg tgtgcttcgc aaggaataag gcaaaagcaa aggcaaaaga aagaaattct aagaccatcg cggaacttga gccaatgaca aagataaacc
1301  caaggggaga aagcgaagca atgccaacag aagacgctac ccatctagaa gtaactctac caccttccat tcatgagact ggccctgata agatcgaaga
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1501  gagccagaaa cgcagtcgga attggaccca gagccagagc cagagccaga gtcagagcct ggggttgcag ttgagccctt aagtgaagat gaaaagggag
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1701  ttcctgtgtg aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac
1801  attaattgcg ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt
1901  attgggcgct cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggta atacggttat
2001  ccacagaatc aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag
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2201  tccctcgtgc gctctcctgt tccgaccctg ccgcttaccg gatacctgtc cgcctttctc ccttcgggaa gcgtggcgct ttctcaatgc tcacgctgta
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3001  ctcaccggct ccagatttat cagcaataaa ccagccagcc ggaagggccg agcgcagaag tggtcctgca actttatccg cctccatcca gtctattaat
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3801  aaataggggt tccgcgcaca tttccccgaa aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcacgag
3901  gccctttcgt c
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> RDC3072 Translated Insert Sequence

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 101  itishmqpad sgiyicdvnn ppdflgqnqg vlnvsvlvkp skplcsiqgr petghtisls clsalgtpsp vyywyklegr divpvkenfn pttgilvign
 201  ltnfeqgyyq ctainrlgns sceidltssh pevgiivgal igslvgaaii isvvcfarnk akakakerns ktiaelepmt kinprgesea mptedathle
 301  vtlppsihet gpdnieepdy epkptqdpap epvpgsepma vpdldielel epetqseldp epepepesep gvaveplsed ekgvvka
```