*cyno*CD155/PVR VersaClone cDNA

Catalog Number: RDC2485

Specifications:

Gene:	*cyno*PVR
Accession:	unique
Insert size:	1267bp
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

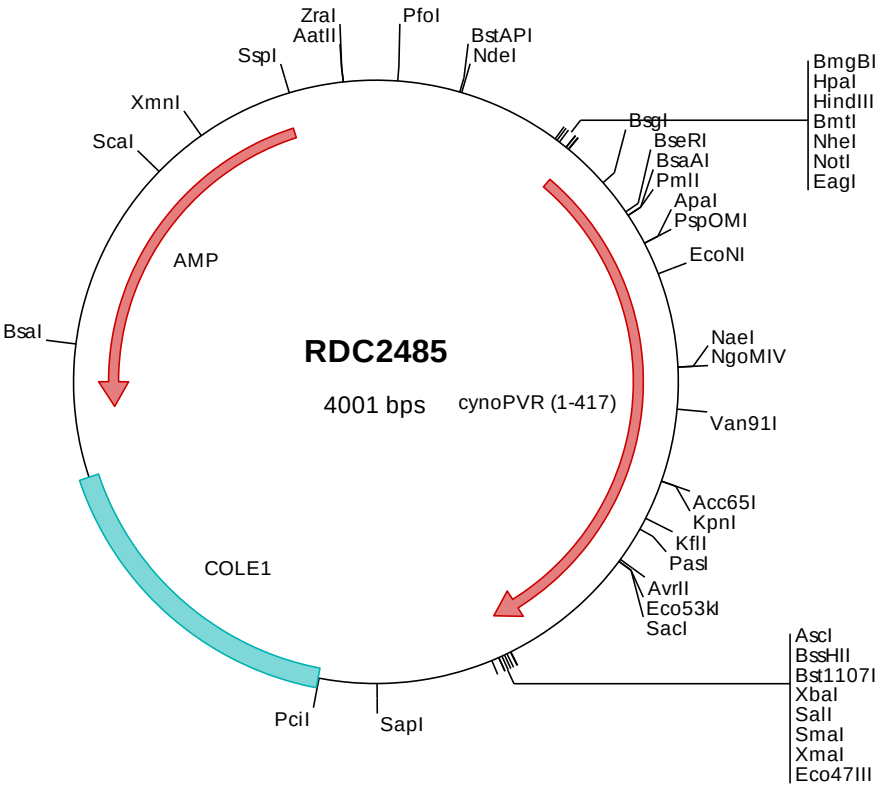
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*cyno*CD155/PVR cDNA Plasmid

Pvr poliovirus receptor [*Macaca fascicularis* (crab-eating macaque)]

Summary:

PVR is a type I transmembrane glycoprotein that belongs to the nectin related family of adhesion proteins within the immunoglobulin superfamily. It serves as a cellular receptor for poliovirus in the first step of poliovirus replication. PVR binds other molecules including vitronectin, Nectin 3, DNAM 1/CD226, CD96, and TIGIT, but does not bind homotypically. It is upregulated on endothelia by IFN-γ, and is highly expressed on immature thymocytes, lymph node dendritic cells, and tumor cells of epithelial and neuronal origin.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC2485 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atggcccgaa ccatggcagc cgcatggcca ccgctgctgc tggcgctact
 501  ggcgctgtcc tggccacccc caggaaccgg ggacatcgtc gtgcaggcgc ccacccaggt gcccggcttc ttgggcgact ccgtgacgct gccctgctac
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 701  ccaagtattc ggagcccaaa cggctggaat tcgtggccac cagactgggc acggagctgc gggatgcctc gctgaggatg ttcgggttgc gcgtcgagga
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 901  gttcagaagg tccagctcac tggaaagcca gtgcccgtgg cccgctgcgt ctccacaggg ggtcgcccgc cggcccacat cacctggcac tcagacctgg
1001  gcgggatgcc caataccagc caggcgccag ggttcctgtc tggcacagtc actgtcacca gcctctggat tttggtgccc tcaagccagg tggacggcaa
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1201  tatgataaca actggtacct cagccagaat gaggccaccc tgacctgcga cgctcgcagc aacccagagc ccacaggcta caactggagc acgaccatgg
1301  gtcccctgcc acccttcgct gtggcccagg gcgcccagct cctgatccgt cctgtggaca aaccaatcaa cacaactttc atctgcaacg tcaccaatgc
1401  cctaggagct cgccaggcag aactgaccgt ccaggtcaaa gagggacctc ccagtgagca ctcaggcatg tccagtaaca tcatcatctt cctgattctg
1501  ggaatcgtga ttcttctgac cctcgtgggg atcgggcttt atttctatcg gtccagatgt tcccgagagt ttctttggtg ccatcatctg tctccctcga
1601  gtaaggagca taccagcgcc tcggctaatg ggtatatctc ctattcagat gtgagcagag aggccagctt ttcccaggat ccacagacag agggcacaag
1701  gtaaaggcgc gccagtatac tctagagtcg acacccgggg aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg
1801  aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg
1901  ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct
2001  cttccgcttc ctcgctcact gactcgctgc gctcggtcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggta atacggttat ccacagaatc
2101  aggggataac gcaggaaaga acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc
2201  cctgacgagc atcacaaaaa tcgacgctca agtcagaggt ggcgaaaccc gacaggacta taaagatacc aggcgtttcc ccctggaagc tccctcgtgc
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2801  gacgctcagt ggaacgaaaa ctcacgttaa gggattttgg tcatgagatt atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta
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3001  agttgcctga ctccccgtcg tgtagataac tacgatacgg gagggcttac catctggccc cagtgctgca atgataccgc gagacccacg ctcaccggct
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3601  catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca
3701  gcatctttta ctttcaccag cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taagggcgac acggaaatgt tgaatactca
3801  tactcttcct ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaatagggggt
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4001  c
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> RDC2485 Translated Insert Sequence

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 101  telrdaslrm fglrvedegs ytcvffifpq gkrsvdiwlr vlakpqntae vqkvqltgkp vpvarcvstg grppahitwh sdlggmpnts qapgflsgtv
 201  tvtslwilvp ssqvdgksvt ckvehesfek pqlltvnltv yyppevsisg ydnnwylsqn eatltcdars npeptgynws ttmgplppfa vaqgaqllir
 301  pvdkpinttf icnvtnalga rqaeltvqvk egppsehsgm ssniiiflil givilltlvg iglyfyrsrc sreflwchhl spsskehtsa sangyisysd
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