

Specifications:

Gene:	cynoPVRIG
Accession:	EHH62181
Insert size:	982bp
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

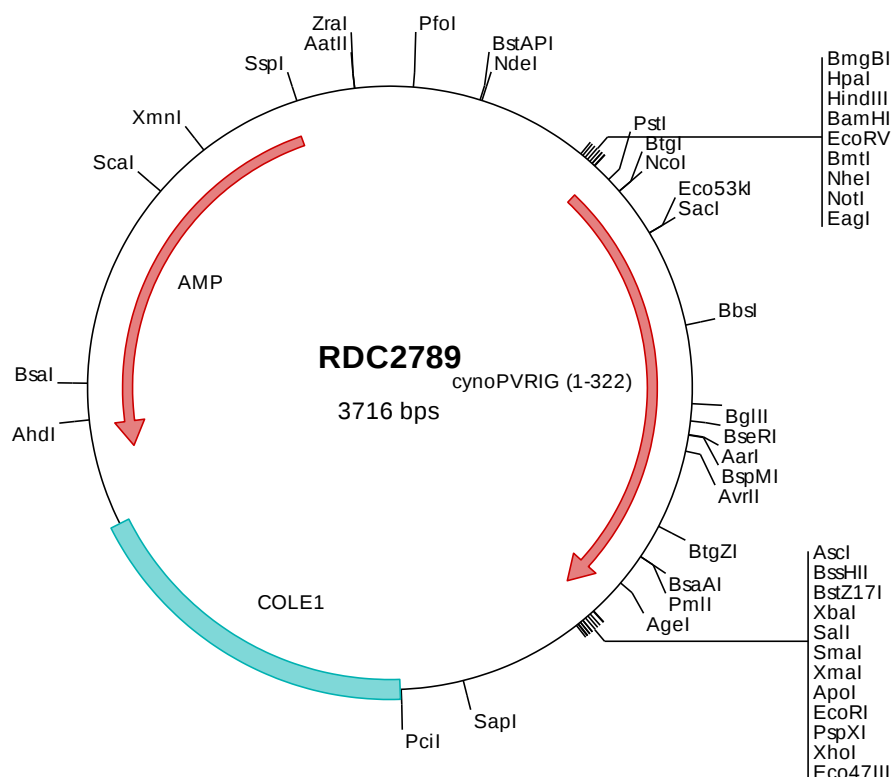
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoPVRIG cDNA Plasmid

**PVRIG PVR related
immunoglobulin domain
containing [*Macaca fascicularis*
(crab-eating macaque)]**

Summary:

PVRIG is a receptor for CD112. PVRIG competes with CD226 to bind to CD112. Disrupting the PVRIG–CD112 interaction enhances human T cell response. PVRIG is a novel checkpoint for human T cells via interaction with CD112.



> RDC2789 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagtgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgagaacag aggcacaggt gctggccctg cagtccccag aaccggact
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701  gggggaccaa gctggctgtg ttgcacccag aacttggcac ccggcaatgg gccctgtct gccaggcccc ctgggaaacc cagagcagca tctctctcgc
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3601 taaacaaata ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgacattaa cctataaaaa taggcgtatc
3701 acgagggcct ttcgtc

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> RDC2789 Translated Insert Sequence

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1   mrteaqlval qspepglega mgrrtlalpw vliltlvtag tpevvwvqvm eatelssftv hcgflgpgsi slvtvswggp dgaggtklav lhpelgtrqw
101  aparqarwet qssislalel sgasspfant tfccckfasfp egswescgsl ppssdpqlsa pptpvpilra dlagilglag vllfgcgyll hllrrqkhrp
201  tprlpqshnt sqaltaqawa psqasqaalh dpyatintsf cpatldtahp ngwaslptha ahqpqgpaas astpilargs fvsvenglyt qagerpphtg
301  pgltlfpdcr gpralegrfg vr

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