*hhv*US27 VersaClone cDNA

Catalog Number: RDC1888

Specifications:

Gene:	*hhv*US27
Accession:	YP_081611
Insert size:	1108bp
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.

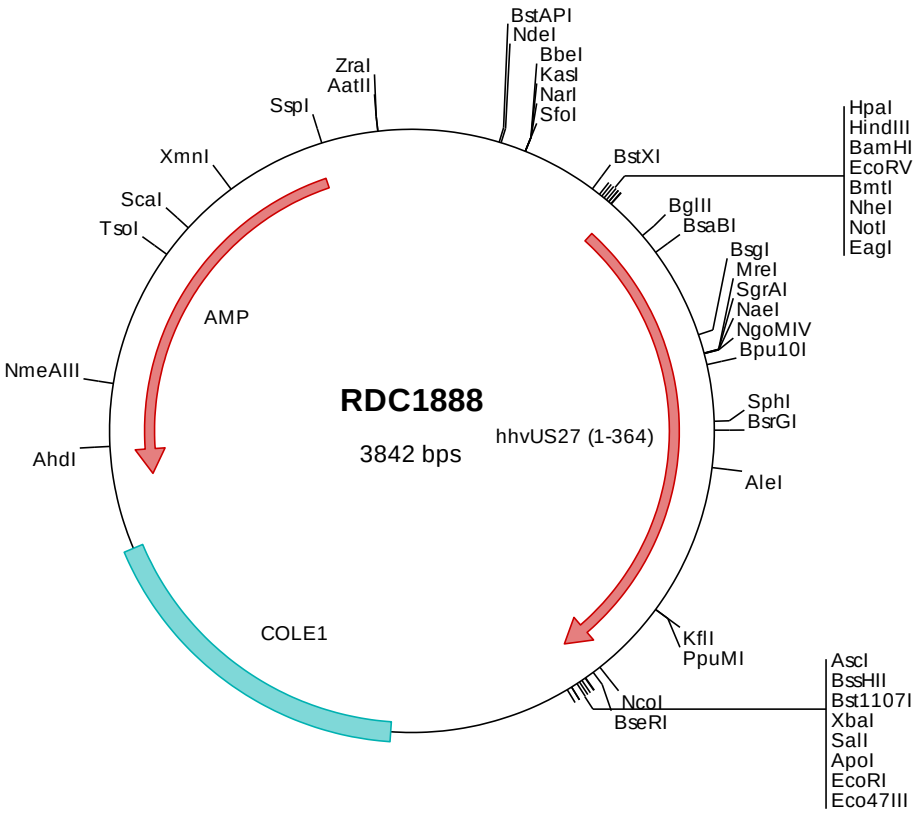
Preparation and Storage

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.

*hhv*US27 cDNA Plasmid

US27 G-protein coupled receptor homolog [*Human herpesvirus* 5]

Summary:
US27 plays an important role in spread of HCMV via the extracellular route. As a G-protein-coupled receptor, US27 may activate signaling pathways important for virion assembly or egress processes.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1888 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 atgaccacta gcaccactac caccaccaac atcatgctgc aggtctccaa
 501  cgtgaccaac cacaccctca atagcaccga gatctaccag ctcttcgagt acacccggtt tggcgtctgg ctgatgtgca tcgtgggcac atttctcaac
 601  atgctggtca ttactaccat cctctactac cggcggaaaa agaaaagccc cagcgacacc tacatttgca acctcgccgt ggccgacctg ctcatcgtcg
 701  tgggactccc ctttttcctc gagtacgcca agcaccaccc caagctgtcc cgggaggtcg tgtgcagcgg gctgaacgcc tgcttctaca tctgcctctt
 801  cgccggcgtg tgctttctga tcaacctgag catggatcgg tactgcgtga tcgtgtgggg ggtggagctg aaccgggtgc ggaacaacaa gcgggccaca
 901  tgctgggtgg tgatcttttg gattctggca gccctgatgg gcatgcccca ctacctcatg tacagccaca ccaataacga gtgcgtcggc gagttcgcaa
1001  acgagaccag cggctggttc cccgtgttcc tgaacaccaa ggtgaacatc tgcggctacc tggcacccat cgtgctgatg gcctacactt acaaccggat
1101  ggtccggttc atcatcaact atgtgggcaa atggcacatg cagactctcc acgtcctgct ggtcgtggtg gtgtccttcg catccttctg gtttccttc
1201  aacctcgccc tcttcctgga gagcatcaga ctgctgagcg gcacccaaaa tgagaccctg caaaccgtga tcacctttg cctctacgtg gggcagttcc
1301  tggcctacgt gcgggcctgc ctgaatcccg gcatctacat cctggtcggg acccagatgc ggaaggacat gtggaccaca ctgcgggtgt tcgcctgttg
1401  ctgcgtgaag caggaaatcc cctatcagga catcgacatt gagctgcaga aggatattca gcggcgggct aagcacacca agcggactca ctacgatcgg
1501  aaacacgccc ccatggaatc cggggaagag gagttcctgc tctaaaggcg cgccagtata ctctagagtc gacacccggg gaattcctcg agcgctcgtc
1601  tctagcttgg cgtaatcatg gtcatagctg tttcctgtgt gaaattgtta tccgctcaca attccacaca acatacgagc cggaagcata aagtgtaaag
1701  cctggggtgc ctaatgagtg agctaactca cattaattgc gttgcgctca ctgcccgctt tccagtcggg aaacctgtcg tgccagctgc attaatgaat
1801  cggccaacgc gcggggagag gcggtttgcg tattgggcgc tcttccgctt cctcgctcac tgactcgctg cgctcggtcg ttcggctgcg gcgagcggta
1901  tcagctcact caaaggcggt aatacggtta tccacagaat caggggataa cgcaggaaag aacatgtgag caaaaggcca gcaaaaggcc aggaaccgta
2001  aaaaggccgc gttgctggcg tttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc aagtcagagg tggcgaaacc cgacaggact
2101  ataaagatac caggcgtttc cccctggaag ctccctcgtg cgctctcctg ttccgaccct gccgcttacc ggatacctgt ccgcctttct cccttcggga
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2301  accgctgcgc cttatccggt aactatcgtc ttgagtccaa cccggtaaga cacgacttat cgccactggc agcagccact ggtaacagga ttagcagagc
2401  gaggtatgta ggcggtgcta cagagttctt gaagtggtgg cctaactacg gctacactag aaggacagta tttggtatct gcgctctgct gaagccagtt
2501  accttcggaa aaagagttgg tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg cgcagaaaaa
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2901  ccagtgctgc aatgataccg cgagacccac gctcaccggc tccagattta tcagcaataa accagccagc cggaagggcc gagcgcagaa gtggtcctgc
3001  aactttatcc gcctccatcc agtctattaa ttgttgccgg gaagctagag taagtagttc gccagttaat agtttgcgca acgttgttgc cattgctaca
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3301  gccatccgta agatgctttt ctgtgactgg tgagtactca accaagtcat tctgagaata gtgtatgcgg cgaccgagtt gctcttgccc ggcgtcaata
3401  cgggataata ccgcgccaca tagcagaact ttaaaagtgc tcatcattgg aaaacgttct tcggggcgaa aactctcaag gatcttaccg ctgttgagat
3501  ccagttcgat gtaacccact cgtgcaccca actgatcttc agcatctttt actttcacca gcgtttctgg gtgagcaaaa acaggaaggc aaaatgccgc
3601  aaaaaaggga ataagggcga cacggaaatg ttgaatactc atactcttcc tttttcaata ttattgaagc atttatcagg gttattgtct catgagcgga
3701  tacatatttg aatgtattta gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta agaaaccatt attatcatga
3801  cattaaccta taaaaatagg cgtatcacga ggccctttcg tc
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> RDC1888 Translated Insert Sequence

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 101  revvcsglna cfyiclfagv cflinlsmdr ycvivwgvel nrvrnnkrat cwvvifwila almgmphylm yshtnnecvg efanetsgwf pvflntkvni
 201  cgylapivlm aytynrmvrf iinyvgkwhm qtlhvllvvv vsfasfwfpf nlalflesir llsgtqnetl qtvitfclyv gqflayvrac lnpgiyilvg
 301  tqmrkdmwtt lrvfacccvk qeipyqdidi elqkdiqrra khtkrthydr khapmesgee efll
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