

Specifications:

Gene:	<i>HCoV-HKU1</i> Spike Protein
Accession:	YP_173238.1
Insert size:	4084bp
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

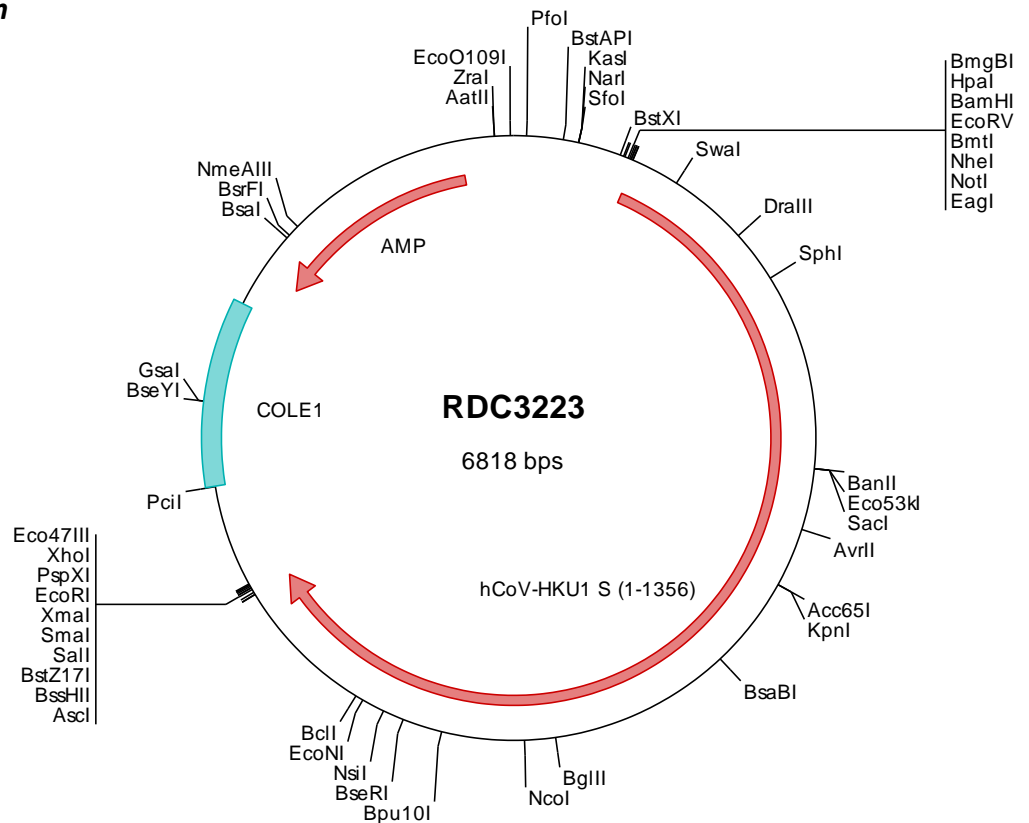
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

hCoV-HKU1 Spike Protein cDNA Plasmid

S spike glycoprotein [*Human coronavirus HKU1*]

Summary:

Human coronavirus HKU1 (hCoV-HKU1) is a species of coronavirus which originated from infected mice. The virus is an enveloped, positive-sense, single-stranded RNA virus. The spike (S) glycoprotein of HCoV-HKU1 contains two subunits, S1 and S2, mediating attachment with host receptor and membrane fusion, respectively. The spike protein of HCoV-HKU1 binds to the N-acetyl-9-O-acetylneuraminic acid receptor to gain entry into the host cell.



> RDC3223 Plasmid DNA Sequence

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> **RDC3223 Translated Insert Sequence**

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