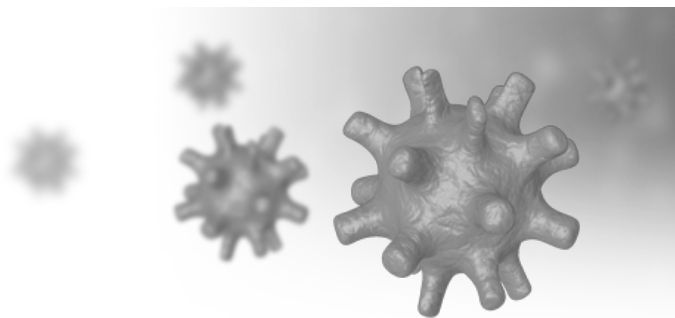




SARS-CoV-2 S-V90F, D614G-mut Plasmid (pCDNA3.1(+))

Cat. No.: VPLd-Wyb146

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

SARS-CoV-2, Spike S1 mutant (V90F, D614G) Plasmid, pCDNA3.1(+).

SPECIFICATIONS

Promoter	Enhanced CMV promoter
Vector	pCDNA3.1(+)
Target	SARS-CoV-2
Bacterial Resistance	Ampicillin
Product Form	Lyophilized
Applications	Used for stable or transient mammalian expression.
Storage	Ambient temperature
Introduction	The 2019 novel coronavirus, or "SARS-CoV-2", was discovered in 2019, and was named by the World Health Organization on January 12, 2020. It belongs to the beta genera of the Coronaviridae family, together with SARS coronavirus in 2003 and MERS coronavirus in 2012. The alignment between SARS-CoV-2 and 2003 SARS CoV has about 70% sequence similarity and 40% sequence similarity with MERS CoV. The coronavirus genome encodes a spike protein, an envelope protein, a membrane protein, and a nucleoprotein. Among them, spike protein is the most important surface membrane protein of coronavirus.
Alternative Names	2019 novel coronavirus; SARS-CoV-2; Coronaviridae