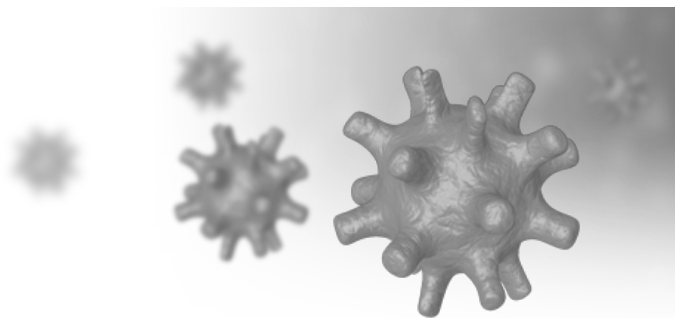




SARS-CoV-2 EN ORF Mammalian Expression Plasmid

Cat. No.: VPLd-Wyb094

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

PRODUCT INFORMATION

SARS-CoV-2, Mammalian Expression Plasmid, EndoRNase Protein.

SPECIFICATIONS

Promoter	Enhanced CMV promoter
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Vector	pCMV3
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Target	SARS-CoV-2
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NCBI Reference	NC_045512.2
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Length	1044 bp
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Bacterial Resistance	Ampicillin
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Cell Resistance	Hygromycin
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Product Form	Lyophilized
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Applications	Used for stable or transient mammalian expression.
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Storage	Ambient temperature
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Introduction	The 2019 novel coronavirus, or "SARS-CoV-2", was discovered because of Wuhan virus pneumonia cases 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 ME
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RS 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
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