



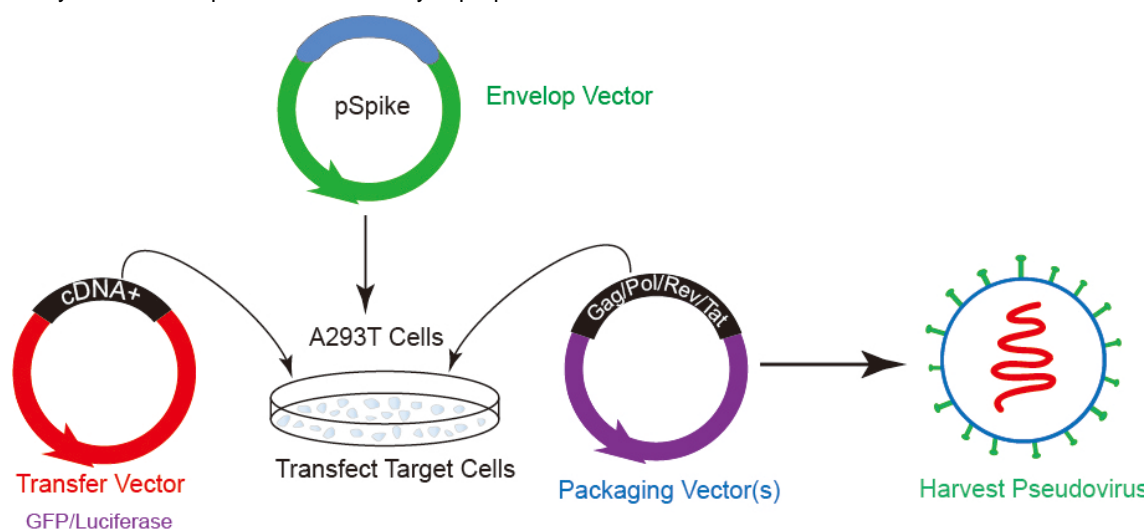
# Pseudotyped Luciferase rSARS-CoV-2 Spike (COV-PS01)

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

## PRODUCT INFORMATION

### Product Overview

Pseudotyped Luciferase rSARS-CoV-2 Spike is a replication-restricted, recombinant pseudotyped lentiviral particles containing SARS-CoV-2 spike protein. Because the infectivity of Pseudotyped Luciferase rSARS-CoV-2 is restricted to a single round of replication, the pseudotypes can be handled using BSL-2 containment practices. The pseudotype lentiviral particles encode firefly luciferase in their lentiviral vector genome. When their genome integrates after entry into cells, firefly luciferase expression and activity is proportional to the number of cells that were transduced.



<b>Species</b>	SARS-CoV-2 (Wuhan-Hu-1)
<b>Applications</b>	The Luciferase luminescence value reaches 106 RLU after the pseudovirus infection, which can meet the requirement for SARS-CoV-2 neutralization assay and screening of neutralization antibodies or serum. Due to differences in cell status, the best infection conditions and MOI should be determined by the end user. The virus can be diluted with cell culture medium if needed.
<b>Size</b>	1 ml

<b>Storage</b>	Store at -80°C. Multiple freeze/thaw cycles not recommended. When using the virus, transfer the virus from the -80 ° C refrigerator and melt it in an ice bath.
<b>Ship</b>	Frozen on dry ice