SARS-CoV-2 Spike Protein RBD (Delta B1.617.2 Variant), His-SUMO Tag, HEK293

Catalog Number	LDG013PVM
Package	5 μg / 20 μg / 100 μg / 1 mg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin
SARS-CoV-2

Expression System
HEK293

Affinity Tag
His-SUMO Tag (N-term)

Concentration
Please refer to the product label.

Storage Buffer
Liquid. Phosphate buffered saline, pH 7.4.

Purity
>98% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 36.70 kDa.
The protein migrates as 45-60 kDa under reducing condition (SDS-PAGE analysis).

Form
Liquid

Background

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Background

Coronaviruses are enveloped positive-sense RNA viruses. Spike protein on the viral envelope and the cognate receptor on the surface of host cells that are essential for entry into host cells upon receptor binding and membrane fusion. Spike proteins are target for neutralization antibody, and mediate membrane fusion and virus entry. Receptor-binding domain (RBD), which is the S protein mediates viral entry into host cells by first binding to a host receptor.

Synonyms

Spike glycoprotein, S glycoprotein, E2, Peplomer protein

Uniprot ID

#PDB: 7URS_A

Sequence Note

Arg1-Phe223

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -80°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- -80°C for long-term storage under sterile conditions.

Avoid repeated free-thaw cycles.

Image

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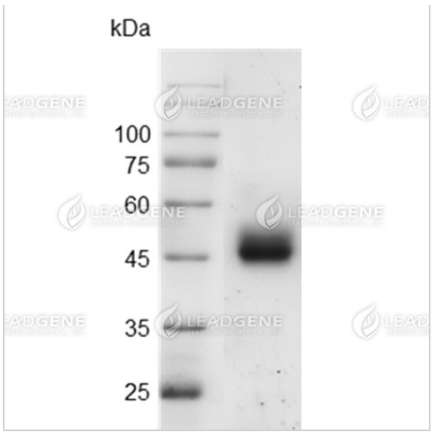

SDS-PAGE analysis of SARS-CoV-2 Spike Protein RBD (Delta B1.617.2 Variant).

Disclaimer : For Research Use or Further Manufacturing Only.

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