SARS-CoV-2 Trimeric Spike Protein (Beta B1.351 Variant), His Tag, HEK293

Catalog Number	LDG009PVM
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 Tag (C-term)

Concentration
Please refer to the product label.

Buffer
Liquid. Phosphate buffered saline, pH 7.4.

Purity
>95% as determined by SDS-PAGE analysis.

Molecular weight
The protein has a calculated MW of 133.67 kDa.
The protein migrates above 180 kDa under reducing condition (SDS-PAGE analysis).
The protein migrates as 75-100 kDa under reducing condition (SDS-PAGE analysis).

Form
Liquid

Background

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Background

Coronaviruses (Beta B1.351 Variant) 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.Trimeric spike protein is about 180 kDa, and contains two subunits, S1 and S2, mediating attachment and membrane fusion.

Synonyms

Spike glycoprotein, S glycoprotein, E2, Peplomer protein

Uniprot ID

#QUT645

Sequence Note

Ser13-Pro1210

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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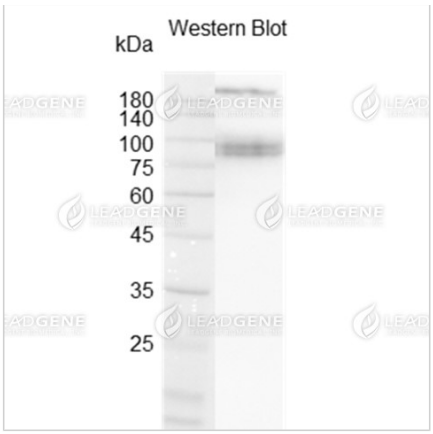

Western blot analysis of SARS-CoV-2 Trimeric Spike Protein (Beta B1.351 Variant).

SDS-PAGE analysis of SARS-CoV-2 Trimeric Spike Protein (Beta B1.351 Variant).

Disclaimer : For Research Use or Further Manufacturing Only.

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