

## 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 cell

#### 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

#### Tainan Headquarter

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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.

### Uniprot ID

#QUT645

### Synonyms

Spike glycoprotein, S glycoprotein, E2, Peplomer protein

### 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

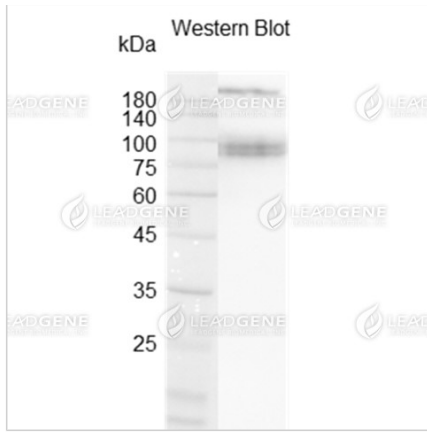
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Western blot analysis of SARS-CoV-2 Trimeric Spike Protein (Beta B1.351 Variant).



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

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