


SARS-CoV-2 Spike Protein (RBD), His Tag, E. coli

Catalog Number LDG006PVE

Package 100 µg / Customized package

 Publications (1)

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

SARS-CoV-2

Expression system

Escherichia coli

Affinity Tag

His Tag (C-term)

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Purity

>98% as determined by SDS-PAGE analysis.

Molecular weight


The protein has a calculated MW of 26.04 kDa.
The protein migrates as 25-35 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized


Background

Tainan Headquarter


 +886-6-2536677

 bd@leadgene.com.tw

Innovation & Research Center

 +886-2-27065528

CLD Center

 +886-6-2536677

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.

Uniprot ID

#P0DTC2

Synonyms

Spike glycoprotein, S glycoprotein, E2, Peplomer protein

Sequence Note

Arg319-Asn541

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

Tainan Headquarter

+886-6-2536677

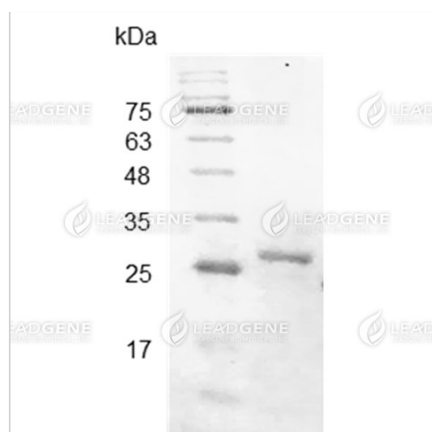
bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677



SDS-PAGE analysis of recombinant
SARS-CoV-2 spike protein (RBD).

Disclaimer : For Research Use or Further Manufacturing Only.