

PRODUCT DATA SHEET



Bioworld Biotech Co., Ltd

Recombinant COVID 19-RBD antigen

Catalog: NBP0115-1

Host: HEK293

Description:

Recombinant COVID 19-RBD protein is produced by Mammalian expression system and the target gene encoding Arg319-Phe541 is expressed with a His tag at the C-terminus. The RBD protein consisting of 238 amino acids and has a calculated molecular mass of 26.18 kDa and migrates as an 32-35 kDa band in SDS-PAGE under reducing conditions due to glycosylation.

Accession Number:P0DTC2

Also known as: Spike glycoprotein

Formulation:

Supplied as a 0.2 µm filtered solution of PBS, pH7.4

Quality control:

Mol Mass: 26.18 kDa AP Mol Mass: 32-35 kDa

Purity: $\geq 90\%$ as determined by reducing SDS-PAGE

Application:

Immunogen, calibrator, standard or other applications

Purification:

Affinity purification chromatography

Concentration:

Lot specific($\pm 20\%$)

Storage:

Short term (up to 7 days) store at 2–8 °C. Long term, store at -20 °C. Avoid multiple freeze/thaw cycles.

Shipping:

The product is shipped on ice pack. Upon receipt, store it immediately at -20 °C or lower.

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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