

2019-nCoV Spike protein S1 (N501Y, D614G)

Catalog No: C19S1-G236H

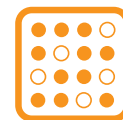
Severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) remains the most rapidly spreading disease since 2020. SARS-CoV-2 (D614G, N501Y mutant) spike subunit 1 (S1) is a recombinant Spike protein S1 (N501Y, D614G) was expressed in CHO cells using a C-terminal His- tag.

- The N501Y mutation has been reported to increase binding affinity to human ACE2.
- The UK variant B.1.1.7 contains 9 out of 23 mutations in the Spike protein region.
- Of the mutations identified in the UK variant, D614G has been associated with higher viral infectivity.

Product Features



Effective for Covid-19 research



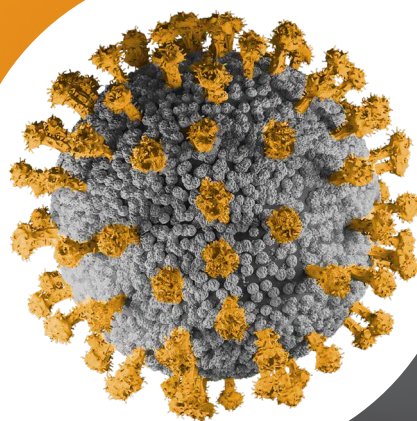
Suitable for ELISA functional studies



Expressed in CHO cells



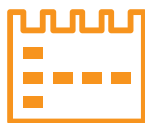
Biologically Active



Applications



Recombinant Antibody production



Western Blot



Covid19 protein arrays



Diagnostic kits R&D



Scientists testing Covid-19 variants



Covid-19 researchers working on N501Y, D614G neutralization



Biopharma companies and Diagnostic kits RnD



Scientists developing targeted anti-Spike protein antiviral therapies

Target Customers