2019-nCov Spike Protein RBD Domain（N501Y）

E42020T4V1

Cat. No:E42020T4V1

Product Name: 2019-nCov Spike Protein RBD Domain（N501Y）

Background: Rapidly spreading variants of SARS-CoV-2 that have arisen in the United Kingdom and South Africa share the spike N501Y substitution, which is of particular concern because it is located in the viral receptor binding site for cell entry and increase binding to the receptor Angiotensin Converting Enzyme 2 (ACE2).

Format: Liquid **Size:**100 ug

Host :2019-nCov **Expression:**HEK293F **MW:**32kDa

Concentration:1.0 mg/mL（may vary lot by lot; pls check the tag attached at the tube for more info）

Purity:>95% by SDS-PAGE.

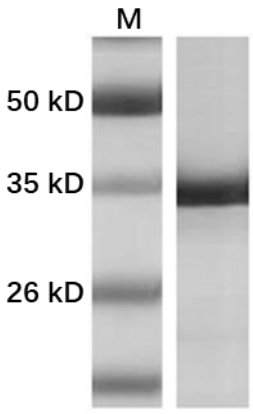
Purification: Ni column

Storage buffer:PBS

Specificity: No non-specific binding to normal human serum was identified so far.

Storage Conditions:For long term storage, store at -20~-70 °C, avoiding freeze/thaw cycles.

Application:



Under DTT-reducing SDS-PAGE conditions, the Spike Protein RBD Domain migrates as a 32 kDa protein.

The binding of RBD-his protein to the ACE2 and the anti-2019 nCoV S1 mAb has been verified.

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