

Product Datasheet

Recombinant SARS-Cov-2 Spike RBD protein (E417N, E484K, N501Y), His (orb1516703)

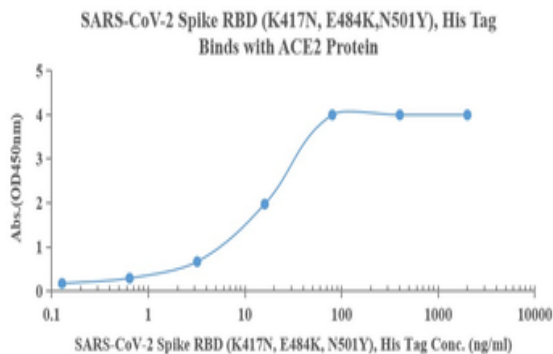
Catalog Number	orb1516703
Description	Recombinant SARS-Cov-2 Spike RBD protein (E417N, E484K, N501Y), His
Endotoxins	Not analyzed
Target	Spike glycoprotein
Preservatives	PBS (pH7.4).
Form/Appearance	Lyophilized or Liquid
Concentration	□0.5 mg/ml
Storage	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Tag	His
Note	For research use only
Application notes	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Protein Sequence	319-541/1273
Purity	> 90% as determined by SDS-PAGE
MW	36 kDa
Expiration Date	6 months from date of receipt.

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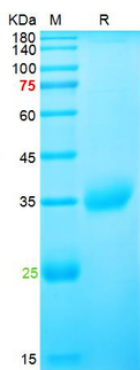
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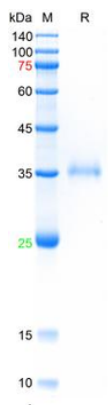


Measured by its binding ability in a functional ELISA.

Immobilized human ACE2, His-Avi Tag (Cat: orb1516578) at 2 µg/ml (100 ul/Well) can bind SARS-CoV-2 Spike RBD (K417N, E484K, N501Y), His Tag (Cat: orb1516703), the EC50 is 15.63 ng/ml.



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.



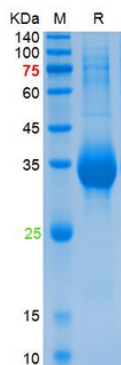
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