

Product Datasheet

SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein (orb1231587)

Catalog Number	orb1231587
Category	Proteins
Description	SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein
Tag	His tag at C-terminus
Form/Appearance	Liquid
Concentration	1 mg/mL
Buffer/Preservatives	PBS
Purity	95%
Protein Sequence	Arg319-Ser591
MW	31.8 kD
Tested applications	ELISA, WB
Source	HEK293 cells
Storage	The protein is stable in a liquid state at -70°C for 12 months. Avoid repeated freeze-thaw cycles.
Dry Ice Shipping	Please note: This product requires shipment on dry ice. A dry ice surcharge will apply.
Note	For research use only
Expiration Date	6 months from date of receipt.

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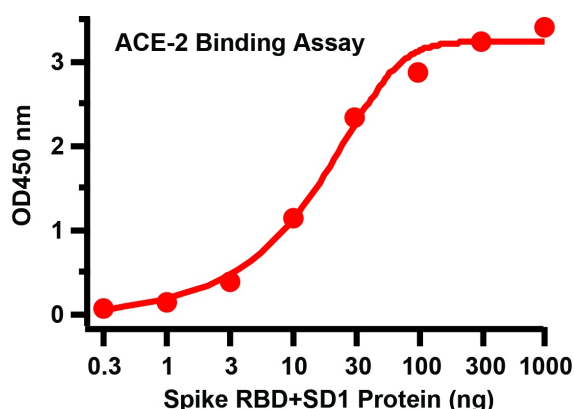
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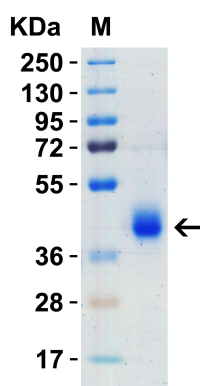
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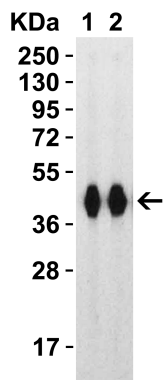
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Binding Assay of ACE2 and SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein, Coating: SARS-CoV-2 (COVID-19) Spike RBD + SD1 recombinant protein (orb1231587) from 0.3 ng to 1000 ng. Capture: ACE2 recombinant protein, orb1231604 (0.5 µg/mL). Secondary: Goat anti-human IgG HRP conjugate at 1:10000 dilution.



SDS-PAGE Validation with SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein. Loading: 1 µg SARS-CoV-2 (COVID-19) Spike RBD + SD1 recombinant protein, orb1231587. Observed: 40kD



Western Blot Validation with SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein. Loading: 30 ng per lane of SARS-CoV-2 (COVID-19) Spike RBD + SD1 recombinant protein, orb1231587. Antibodies: SARS-CoV-2 (COVID-19) Spike RBD, orb1239994, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 µg/mL and Lane 2: 2 µg/mL.

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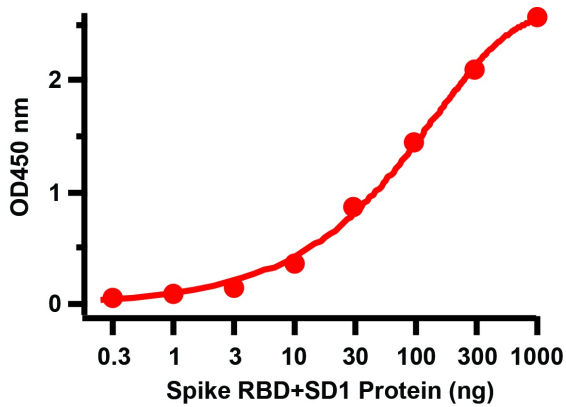
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ELISA Validation of SARS-CoV-2 (COVID-19) Spike RBD + SD1 Recombinant Protein. Coating Antigen: SARS-CoV-2 (COVID-19) Spike RBD + SD1 recombinant protein (orb1231587) from 0.3 ng to 1000 ng. Capture Antibody: SARS-CoV-2 (COVID-19) Spike RBD antibody, orb1239994 (1 µg/mL). Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution.

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