

## Product Datasheet

# Recombinant SARS-Cov-2 Spike RBD protein, mFc (HEK293) (orb1516638)

<b>Catalog Number</b>	orb1516638
<b>Category</b>	Proteins
<b>Description</b>	Recombinant SARS-Cov-2 Spike RBD protein, mFc (HEK293), with a concentration of >0.5 mg/ml, expressed in HEK293 cell, with a molecular weight of 60 kDa, and a purity of >90% as determined by SDS-PAGE. It was purified by AC, and has a mFc tag.
<b>Target</b>	Spike glycoprotein
<b>Tag</b>	mFc
<b>Form/Appearance</b>	Lyophilized or Liquid
<b>Concentration</b>	>0.5 mg/ml
<b>Buffer/Preservatives</b>	PBS (pH7.4).
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Purity</b>	>90% as determined by SDS-PAGE
<b>Purification</b>	AC
<b>Protein Sequence</b>	319-541/1273
<b>MW</b>	60 kDa
<b>Expression System</b>	HEK293 cell
<b>Endotoxins</b>	Not analyzed

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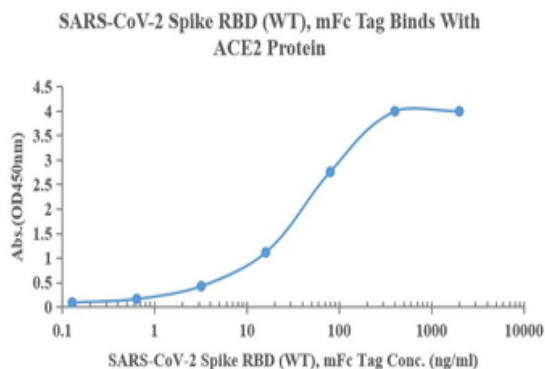
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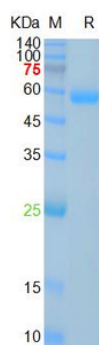
**Storage** Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Note** For research use only

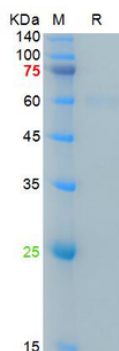
**Expiration Date** 6 months from date of receipt.



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 (WT), mFc Tag (Cat: orb1516638), the EC50 is 34 ng/ml.



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



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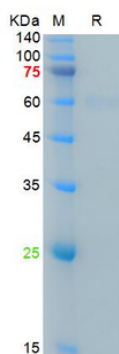
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