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Datasheet for ABIN7520456  
**SARS-CoV Spike Protein (RBD) (His tag)**

### Overview

Quantity:	100 µg
Target:	SARS-CoV Spike (SARS-CoV S)
Protein Characteristics:	RBD
Origin:	SARS Coronavirus (SARS-CoV)
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SARS-CoV Spike protein is labelled with His tag.

### Product Details

Purpose:	Active Recombinant SARS-CoV Spike RBD Protein
Sequence:	<p>RVVP<sup>SGD</sup>VVR FPNITNLCPF GEVFNATKFP SVYAWERKKI SNCVADYSVL YNSTFFSTFK CYGVSATKLN DLCFSNVYAD SFVVKGDDVR QIAPGQTGVI ADYNYKLPDD FMGCVLAWNT RNIDATSTGN YNYKYRYLRH GKLRPFERDI SNVPFSPDGK PCTPPALNCY WPLNDYGFYT TTGIGYQPYR VVLSFELLN APATVCGPKL STDLIKNQCV NF</p>
Specificity:	Arg306-Phe527
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV Spike RBD at 2µ

## Product Details

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g/mL (100µL/well) can bind Human ACE2 with a linear range of 0.1-5.18 ng/mL.

## Target Details

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Target:	SARS-CoV Spike (SARS-CoV S)
Alternative Name:	SARS-CoV Spike ( <a href="#">SARS-CoV S Products</a> )
Target Type:	Viral Protein
Background:	Spike,Spike RBD,Spike S1
Gene ID:	1489668
UniProt:	<a href="#">P59594</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS,300 mM NaCl, pH 7.4.or Supplied as a 0.22 µm filtered solution in PBS,300 mM NaCl, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. or This product is stable at ≤ -70°C for up to 6 months from the date of receipt.  For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.