

Datasheet for ABIN6953024

SARS-CoV-2 Spike S1 Protein (RBD) (Biotin)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SARS-CoV-2 Spike S1
Protein Characteristics:	RBD
Origin:	SARS Coronavirus-2 (SARS-CoV-2)
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SARS-CoV-2 Spike S1 protein is labelled with Biotin.

Product Details

Characteristics:	DNA sequence encoding the COVID-19 spike RBD protein domain [319-541] accession #6VSB_A including a C-terminal mouse IgG1 tag was expressed in CHO Cells.
Purity:	>95 % as determined by SDS-PAGE and HPLC
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

Target Details

Target:	SARS-CoV-2 Spike S1
Abstract:	SARS-CoV-2 Spike S1 Products
Target Type:	Viral Protein
Gene ID:	43740568

Target Details

UniProt: [P0DTC2](#)

Application Details

Comment: Recombinant 2019-nCoV RBD protein is a protein consisting of 460 amino acid residues ,due to glycosylation migrates as an approximately 52 kDa protein on SDS-PAGE.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers

Buffer: Recombinant COVID-19 RBD (Receptor Binding Domain) protein was lyophilized from 0.2 µm filtered 20 mM Tris, 300 mM NaCl, 10 % glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: The lyophilized protein is stable for at least 2 years from date of receipt at -20° C.