

GMP Recombinant SARS-CoV-2 Spike Protein(RBD), Fc-tagged

Cat. No. Spike-037VG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant SARS-CoV-2 Spike Protein(RBD)(YP_009724390.1)(470 aa), fused with Fc Tag at the C-terminal, was expressed in CHO cell in an animal component free process under cGMP guidelines.
Species	SARS-CoV-2
Source	CHO
ProteinLength	DNA sequence encoding Recombinant SARS-CoV-2 (2019-nCoV)RBD protein was expressed with Fc tag at the C-terminal.
Molecular Mass	Recombinant SARS-CoV-2 (2019-nCoV) RBD protein contains 470aa. It has a predicted MW of 52.9 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and SEC-HPLC>=
Storage	1. The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing 2. Liquid samples are stored at -20~-80°C for 12 months. After thawing, they need to be aliquoted and stored at -20°C for 6-12 months to avoid repeated freezing and thawing.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	S surface glycoprotein [Severe acute respiratory syndrome coronavirus 2]
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Official Symbol	Spike
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Synonyms	2019-nCoV RBD Protein; 2019-nCoV S1 Protein; 2019-nCoV Spike RBD Protein
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Gene ID	43740568
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Protein Refseq	YP_009724390.1
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UniProt ID	P0DTC2
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