

GMP Recombinant SARS-CoV-2 Spike Protein(S1 Subunit)

Cat. No. Spike-036VG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant SARS-CoV-2 Spike Protein(S1 Subunit)(YP_009724390.1)(698 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	SARS-CoV-2
Source	HEK293
ProteinLength	DNA sequence encoding Recombinant SARS-CoV-2 (2019-nCoV) S1 protein was expressed with His tag at the C-terminal.
Form	1. Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol and 6% trehalose 2. Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	Recombinant SARS-CoV-2 (2019-nCoV) S1 protein contains 698 aa. It has a predicted MW of 78.3 kDa.
Endotoxin	<=0.01EU/ug
Purity	>90% by SDS-PAGE
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

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be aliquoted and stored at -20°C for 6-12 months to avoid repeated freezing and thawing.

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 \[Severe acute respiratory syndrome coronavirus 2 \]](#)

Official Symbol [Spike](#)

Synonyms 2019-nCoV coronavirus spike Protein; 2019-nCoV cov spike Protein; ncov RBD Protein, 2019-nCoV; 2019-nCoV ncov s1 Protein; 2019-nCoV NCP-CoV s1 Protein;

Gene ID [43740568](#)

Protein Refseq [YP_009724390.1](#)

UniProt ID [P0DTC2](#)

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