



北京派迪畅科技发展有限公司
AnyGo Technology Co., LTD
北京朝阳区大羊坊路 89 号新华国际 D1117
D1117 Xinhua International Square
Beijing, China 1000122
Email: contact@anygotech.com
www.anygotech.com

SARS-CoV-2 Spike Protein S1, Fc fusion

(CHO-expressed full length S1-Fc fusion protein)

Catalog # 20-0002

Accession #: GenBank: QIC53204.1.

Host: Chinese Hamster Ovarian cells

Protein: Recombinant full length SARS-CoV-2 Spike Protein (S1) protein with human IgG1 Fc fused at the C-terminus.

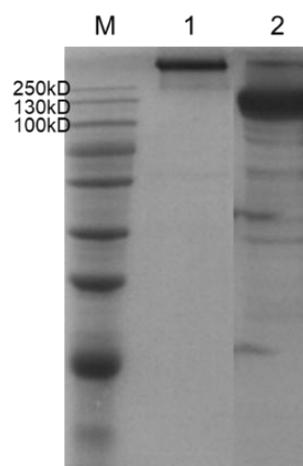
Purification: Protein A column.

Formulation: 1mg of purified S1-Fc protein in 1ml of PBS. Protein Concentration was determined by OD₂₈₀ absorbance.

Physical State: Frozen liquid

Purity: > 85% based on SDS-PAGE

Storage: Store the product at -20°C. Product is stable for about 1 week at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. Avoid repeated freezing and thawing.



**FOR IN VITRO RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Research Applications

Immunogen: for generation of neutralizing anti-SARS-CoV-2 antibodies.

Colloidal gold immunochromatographic: to be used as double antigen format.

Reference:

Zhao RQ, et al. "Early detection of SARS-CoV-2 antibodies in COVID-19 patients as a serologic marker of infection", submitted. preprint: <https://www.medrxiv.org/content/10.1101/2020.03.17.20037713v1.full.pdf>.

Ren WL, et al. "A COVID-19 vaccine based on the spike S1 protein with a novel adjuvant induces high level of neutralizing responses in nonhuman primates" submitted.