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SARS-CoV-2 Spike Protein S1, His6X tag

(CHO-expressed full length S1 protein)

Catalog # 20-0001

Accession #: GenBank: QIC53204.1.

Host: Chinese Hamster Ovarian cells

Protein: Recombinant full length SARS-CoV-2 Spike Protein (S1) protein with a 6His tag at the C-terminus.

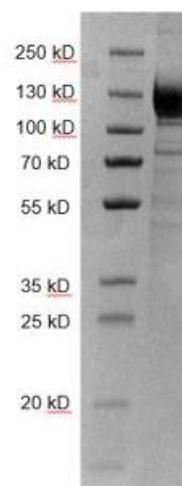
Purification: Ni column.

Formulation: 1mg of purified S1-His6X 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

Indirect ELISA: 0.5~1.5µg/ml as coating antigen.

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>.