

# Datasheets

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## 修改记录/ Change History:

版本号/ Revision Code	生效日期/Effective Date	修改描述/Description of change
01 版/ Revision #01	04/09/2021	N/A

**Product Name:** SARS-CoV-2 Spike Protein

S1

**Cat. No.:** T80202

**Synonyms:** 2019-nCoV S1 protein

**Description:** SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as 2019-nCoV (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. SARS-CoV-2 Spike Protein is composed of S1 domain and S2 domain. S1 contains a receptor-binding domain (RBD) that can specifically bind to angiotensin-converting enzyme 2 (ACE2), the receptor on target cells. S protein plays an important role in the induction of neutralizing-antibodies and T-cell responses, as well as protective immunity.

**Source:** Human Cells

**Species:** SARS-CoV-2

**Molecular Weight:** Predicted molecular

weight: 79 KD

**Tag:** His tag

**Formulation:** Liquid

**Purity:** > 85% as analyzed by SDS-PAGE

**Storage Buffer:** PBS, pH 7.2, containing 10%

Glycerol

**Storage:** The product can be stored at -25°C~-15°C or below. Avoid repeated freezing and thawing cycles. Shelf life of the product is unspecified.

*For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.*