

Overview

Synonyms	SARS-CoV-2 S1 protein(His-tagged) ;2019-nCoV S1 protein(His-tagged)
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.
Species	SARS-CoV-2
Source	Human Cells
Tag	His tag
Biological Activity	SARS-CoV-2 Spike protein (S1) can bind with Human ACE2 in functional ELISA assay.

Properties

Molecular Weight	Predicted molecular weight: ~79 KD
Purity	> 85% as analyzed by SDS-PAGE
Formulation	Liquid
Component	PBS, pH 7.2, 10% Glycerol
Storage	The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified.
Note	For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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