

## Overview

<b>Synonyms</b>	SARS-CoV-2 S1 protein;2019-nCoV S1 protein
<b>Description</b>	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.
<b>Species</b>	SARS-CoV-2
<b>Source</b>	Human Cells
<b>Tag</b>	tag-free
<b>Biological Activity</b>	<b>SARS-CoV-2 Spike protein (S1)</b> can bind with Human ACE2 in functional ELISA assay.

## Properties

<b>Molecular Weight</b>	Predicted molecular weight: 78.3 KD
<b>Purity</b>	> 85% as analyzed by SDS-PAGE
<b>Formulation</b>	Liquid
<b>Component</b>	PBS, pH 7.4
<b>Storage</b>	The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified.
<b>Note</b>	<b>For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.</b>

India Contact:

**Life Technologies (India) Pvt. Ltd.**

306, Aggarwal City Mall, Opposite M2K Pitampura,  
Delhi – 110034 (INDIA).

Mobile: +91-9810521400, Ph: +91-11-42208000

Email: [customerservice@lifetechindia.com](mailto:customerservice@lifetechindia.com)

Web: [www.lifetechindia.com](http://www.lifetechindia.com)