

Overview

Synonyms	S protein; S-ECD; ECD protein; ECD; 2019-nCoV ECD
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. ECD is the extra cellular domain of spike protein.
Species	SARS-CoV-2
Source	Sf9 insect cells
Tag	His Tag & Flag Tag
Biological Activity	SARS-CoV-2 Spike protein (ECD) can bind with Human ACE2 in functional ELISA assay.

Properties

Molecular Weight	Predicted molecular weight: 135 KD
Purity	> 90% as analyzed by SDS-PAGE
Formulation	Liquid
Component	PBS pH 7.2 containing 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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