

DATASHEET

Version 20200701

SARS-CoV-2 Spike protein (ECD, His & Flag Tag)

Cat. No.: Z03481S

Size: 10µg

Synonyms: S protein; S-ECD; ECD protein; ECD;
2019-nCoV ECD

Source: *Sf9 insect cells*

Species: SARS-CoV-2

Biological Activity: SARS-CoV-2 Spike protein (ECD) can bind with Human ACE2 in functional ELISA assay.

Molecular Weight: Predicted molecular weight: 135 KD

Tag: His Tag & Flag Tag

Formulation: Liquid

Purity: > 90% as analyzed by SDS-PAGE

Storage buffer: 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.

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.

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