

DATASHEET

Version 20200306

SARS-CoV-2 Spike protein (RBD, His Tag)

Cat. No.: Z03479-500; Z03479-1

Size: 500µg/ 1mg

Synonyms: SARS-CoV-2 SP RBD; 2019-nCoV RBD

Source: Sf9 insect cells

Species: SARS-CoV-2

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

Molecular Weight: Predicted molecular weight: 25 KD

Tag: His tag

Formulation: Liquid

Purity: > 90% as analyzed by SDS-PAGE

Storage buffer: PBS, pH 7.2

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. It is believed that SARS-CoV-2 Spike Protein (RBD) has potential value for the diagnosis of the virus.

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