

**DATASHEET**

Version 20200221

**SARS-CoV-2 Spike protein (ECD, His & Flag Tag)****Cat. No.:** Z03481-100; Z03481-1**Size:** 100µg/ 1mg**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.***