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32-18005: SARS-CoV-2 Spike protein (RBD, His Tag)

Application : Functional Assay,ELISA
Format : Purified
Alternative Name : SARS-CoV-2 SP RBD, 2019-nCoV SP RBD.

Description

Source: Human Cells. 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. Predicted molecular weight 30 kDa.

Product Info

Amount :	100 Î¼g / 1 mg
Purification :	> 90% as analyzed by SDS-PAGE
Content :	PBS, pH 7.2
Storage condition :	The product can be stored at -20°C or below. Avoid repeated freezing and thawing cycles. The shelf life of the product is unspecified.

Application Note

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

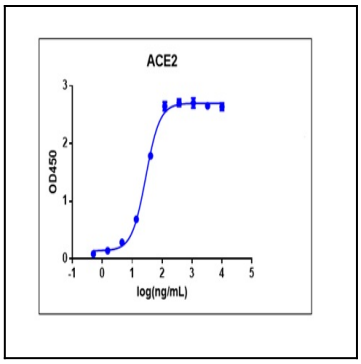


Figure-1: SARS-CoV-2 Spike protein (RBD, His Tag) can bind with Human ACE2 in functional ELISA assay.

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