

## 32-17525: SARS-CoV-2 (Delta) S protein RBD, His Tag

**Alternative Name :** SARS-CoV-2 B.1.617.2 (Delta) Spike RBD Protein

### Description

The protein has a predicted molecular mass of 26.0 kDa after removal of the signal peptide. The apparent molecular mass of RBD(L452R,T478K)-His is approximately 25-35 kDa due to glycosylation. SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which accounts for recognizing the cell surface receptor, ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.

### Product Info

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| <b>Amount :</b>            | 50 µg  |
| <b>Purification :</b>      | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Storage condition :</b> | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at ambient temperature. |