

# Recombinant COVID-19 S1 NTD protein, C-His Tag

## Product Information

<b>Cat</b>	IMP-2721
<b>Official Symbol</b>	Spike
<b>Product Overview</b>	Recombinant COVID-19 S1 NTD protein(13-303aa), fused with C-His Tag, was expressed in HEK293.
<b>Expression System</b>	HEK293
<b>Species</b>	COVID-19
<b>Tag</b>	C-His Tag
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Molecular Mass</b>	The protein has a predicted molecular mass of 33.7 kDa after removal of the signal peptide. The apparent molecular mass of S1-NTD-His is approximately 55 kDa due to glycosylation.
<b>Protein length</b>	13-303aa
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Storage</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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### SDS-PAGE



