

# SAR-CoV-2 CoV-2 S1 (319-537) Recombinant Protein



RPPB5332

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## Product Information Protein Information

**Product SKU:**

RPPB5332

**Accession:**

QHD43416.1

**Host:**

HEK293 Cells.

**Protein description:**

The HEK293 derived recombinant protein contains the Coronavirus 2019 Spike Glycoprotein S1 Receptor Binding Domain [ RBD ], Wuhan-Hu-1 strain, amino acids 319-537, having a Mw of 26.5kDa. Cov-2 RBD is fused to His tag at C-terminal

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in PBS pH-7.4 and 10% treaholse.

**Purity:**

Protein is >90% pure as determined SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized CoV-2 S1 protein in sterile 18M-cm H2O at a conc. of 0.5mg/ml and not less than 0.1mg/ml, which can then be further diluted to other aqueous solutions

**Stability:**

Lyophilized Cov-2 RBD protein although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CoV2 RBD protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.