

Recombinant SARS-CoV-2 Spike S2 ECD Protein

Catalog No.: RP01267 **Recombinant** **1 Publications**

Sequence Information

Species	Gene ID	Swiss Prot
SARS-CoV-2	43740568	

Tags

C-His

Synonyms

Envelope;SARS-CoV-2 Spike RBD (N501Y);Spike;Spike ECD;Spike RBD;Spike S1;Spike S2;Spike S2 ECD;S1-RBD protein;NCP-CoV RBD Protein;novel coronavirus RBD Protein;2019-nCoV RBD Protein;S glycoprotein Subunit1 RBD Protein

Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	> 90% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of sterile 20 mM PB, 300 mM NaCl, pH 7.0. or Supplied as a 0.22 μm filtered solution in 20 mM PB, 300 mM NaCl, pH 7.0. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Contact

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Background

Basic Information

Description

Recombinant SARS-CoV-2(2019-nCoV) Spike S2 ECD Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Ser686-Pro1213) of SARS-COV-2(2019-nCoV) Spike S2 ECD (Accession #YP_009724390.1) fused with a His tag at the C-terminus.

Bio-Activity

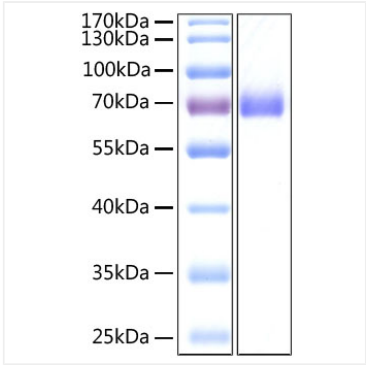
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. or This product is stable at ≤ -70°C for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.



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Validation Data



Recombinant SARS-CoV-2 Spike S2 ECD
Protein was determined by SDS-PAGE with
Coomassie Blue, showing a band at 70 kDa.