Recombinant SARS-CoV-2 Spike S2 ECD Protein

Catalog No.: RP01267

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Sequence Information

Species
SARS-CoV-2

Gene ID
43740568

Swiss Prot

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
Baculovirus-Infected Sf9 Cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
58.8kDa

Observed MW

Endotoxin
< 1 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 7.0Contact 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

Activity

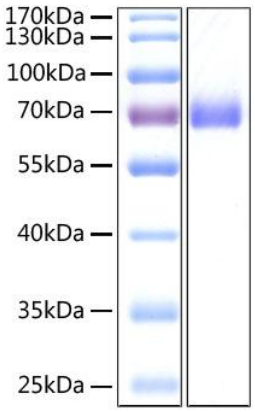
Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant SARS-CoV-2 Spike S2 ECD Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.