Recombinant SARS-CoV Spike/RBD Protein (RBD, His Tag)

RPES0053

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES0053

Contents: 100µg
Bradford Reagent: 1 vial (2ml)

Species: SARS

Synonyms: SARS, coronavirus s1 Protein, coronavirus s2 Protein, coronavirus spike Protein, cov spike Protein, ncov RBD Protein, ncov s1 Protein, ncov s2 Protein, ncov spike Protein, novel coronavirus RBD Protein, novel coronavirus s1 P

Tag: C-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 26.5 kDa

Observed MW: 35.1 kDa

Accession: AAX16192.1

Purity: > 95 % as determined by reducing SDS-PAGE.

Concentration: -

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Bio-Activity: Not validated for activity

Formulation: Lyophilized from sterile 20mM PBS,300mM NaCl,10% glycerol,pH 7.0 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Reconstitution: Please refer to the printed manual for detailed information.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in

Source: Baculovirus-Insect Cells-derived SARS SARS-CoV Spike/RBD(RBD) protein Arg306- Phe527, with an C-terminal His

Sequence: Arg306-Phe527

Form: Lyophilized powder

this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.