Recombinant SARS-CoV-2 Spike Protein (RBD, His Tag)(A435S)

RPES0073

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: RPES0073

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

Species: SARS-CoV-2

Synonyms: NCP-CoV RBD, NCP-CoV Spike, NCP-CoV s1, NCP-CoV s2, RBD, S1, S2, Spike RBD, coronavirus spike, cov spike, ncov RBD, ncov s1, ncov s2, ncov spike, novel coronavirus RBD, novel coronavirus s1, novel coronavirus s2, novel coronavirus spike

Tag: C-His

Expression Host: HEK293 Cells

Calculated MW: 26.6 kDa

Observed MW: -

Accession: YP_009724390.1

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 PBS, pH 7.4. 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: HEK293 Cells-derived SARS-CoV-2 SARS-CoV-2 Spike(RBD)(A435S) protein Arg319- Phe541(A435S), with an C-terminal His

Sequence: Arg319-Phe541(A435S)

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.