

# Recombinant SARS-CoV Spike S1+S2 ECD-His Recombinant Protein RPES6999

## Description

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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

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**SKU:** RPES6999

**Purity:** > 90 % as determined by reducing SDS-PAGE.

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

**Concentration:** -

**Species:** SARS

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

**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

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

**Tag:** C-His

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

**Expression Host:** Baculovirus-Insect Cells

**Bio-Activity:** Immobilized ACE2 Protein, Human, Recombinant (mFc Tag)(RPES1994) at 2µg/mL (100µL/well) can bind SARS-CoV Spike S1+S2 ECD-His Recombinant Protein (S577A, Isolate Tor2)(RPES6999), the EC50 of SARS-CoV Spike S1+S2 ECD-His Recombinant Protein (S577A, Isolate Tor2)(RPES6999) is 350-700ng/mL.

**Calculated MW:** 132.6 kDa.

**Formulation:** Lyophilized from sterile 20mM PB, 300mM NaCl, pH 7.0, 10% glycerol 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.

**Observed MW:** -

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

**Accession:** NP\_828851.1

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Source:** Baculovirus-Insect Cells-derived SARS SARS-CoV Spike S1+S2 ECD(S577A, Isolate Tor2) protein Met1-Pro1195, with an C-terminal His

**Sequence:** Met1-Pro1195

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

**Form:** Lyophilized powder