Recombinant SARS-CoV S1 Protein (mFc Tag)

RPES6872

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: RPES6872

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-mFc1

Expression Host: HEK293 Cells

Calculated MW: 99.4 kDa

Observed MW: -

Purity: > 90 % 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: Immobilized human ACE2 protein (His tag) at 2 µg/mL (100 µL/well) can bind Recombinant SARS-CoV S1 Protein (mFc Tag)(Active) (RPES6872), the EC50 of RPES6872 is 50-120 ng/mL.

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. Immobilized human ACE2 protein (His tag) at 2 µg/mL (100 µL/well) can bind

Recombinant SARS-CoV S1 Protein (mFc Tag)(Active) (RPES6872), the EC50 of RPES6872 is 50-120 ng/mL.

Accession: AAX16192.1

Source: HEK293 Cells-derived SARS SARS-CoV S1 protein Met1-Arg667, with an C-terminal mFc1

Sequence: Met1-Arg667

Form: Lyophilized powder

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

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