

Recombinant SARS-CoV-2 Spike Protein (RBD-SD1, His Tag)

RPES0013

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: RPES0013

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

Contents: 50µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: SARS-CoV-2

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

Synonyms: 2019-nCoV S RBD Protein,
2019-nCoV RBD Protein

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: HEK293 Cells

Bio-Activity: Immobilized Human ACE-2-Fc(RPES0028) at 10µg/ml (100 µl/well) can bind Recombinant 2019-nCoV Spike Protein (RBD-SD1, His Tag) (RPES0013). The ED 50 of Recombinant Recombinant 2019-nCoV Spike Protein (RBD-SD1, His Tag) (RPES0013) is 0.64 µg/ml.

Calculated MW: 31.4 kDa

Formulation: Supplied as a 0.2 µm filtered solution of PBS, pH7.4. Immobilized Human ACE-2-Fc(RPES0028) at 10µg/ml (100 µl/well) can bind Recombinant 2019-nCoV Spike Protein (RBD-SD1, His Tag) (RPES0013). The ED50 of Recombinant Recombinant 2019-nCoV Spike Protein (RBD-SD1, His Tag) (RPES0013) is 0.64 µg/ml. Loaded Human ACE-2-Fc(RPES0028) on Protein A Biosensor, can bind 2019-nCoV S-trimer Protein RBD-SD1- His(RPES0013) with

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

an affinity constant of 15.56 nM as determined in BLI assay.

Observed MW: 35-43 kDa

Reconstitution: -

Accession: QHD43416.1

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: HEK293 Cells-derived SARS-CoV-2 Spike protein Arg319-Ser591, with an C-terminal His

Sequence: Arg319-Ser591

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

Form: Liquid