

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

RPES0012

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: RPES0012

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-mFc

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(Cat#RPES0028) at 2µg/ml (100 µl/well) can bind Recombinant 2019-nCoV Spike Protein (RBD-SD1, mFc Tag) (Cat#RPES0012). The ED50 of Recombinant 2019-nCoV Spike Protein (RBD-SD1, mFc Tag) (Cat#RPES0012) is 15.5 ng/ml.

Calculated MW: 57.0 kDa

Formulation: Supplied as a 0.2 µm filtered solution of PBS, pH7.4.

Observed MW: 60-80 kDa

Reconstitution: -

Accession: QHD43416.1

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

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

Source: HEK293 Cells-derived SARS-CoV-2 Spike protein Arg319-Pro589, with an C-terminal mFC

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

Sequence: Arg319-Pro589

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

Form: Liquid