

Recombinant SARS-CoV-2 S Protein RBD (C-mFc) V2

RPES7037

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: RPES7037

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

Contents: 500µg, 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: SARS-CoV-2

Endotoxin: Please contact us for more information.

Synonyms: SARS-CoV-2 RBD Protein,
SARS-CoV-2 Spike 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: 1. Immobilized 2019-nCoV S Protein RBD-mFc V2 (RPES7037) at 5µg/ml (100 µl/well) can bind Human ACE-2-Fc(RPES0028). The ED50 of Recombinant Human ACE-2-Fc(RPES0028) is 5-50 ng/ml, 2. Immobilized RBD-mFc V2 (RPES7037) at 5µg/ml (100 µl/well) can bind Anti-2019-nCoV S1 mAb (5D9). The ED50 of Anti- 2019-nCoV S1 mAb (5D9)is 5-30 ng/ml.

Calculated MW: 51.5 kDa

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

Observed MW: 50-60 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 SARS-CoV-2 S protein Arg319-Phe541, with an C- terminal mFc

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

Sequence: Arg319-Phe541

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

Form: Liquid