

Recombinant SARS-CoV-2 S-trimer(D614G)(His Tag)

RPES7114

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: RPES7114

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

Synonyms: 2019-nCoV S glycoprotein, 2019-nCoV Spike glycoprotein, 2019-nCoV S protein, SARS-nCoV-2 Spike glycoprotein

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 Recombinant 2019-nCoV S-trimer Protein (His Tag)(D614G)(Active) (Cat#RPES7114) at 2µg/ml (100 µl/well) can bind Recombinant Human ACE-2 Protein (Fc Tag)(Active)(Cat#RPES0028). The ED50 of RPES0028 is 31.75 ng/ml.

Calculated MW: 136.5 kDa

Formulation: Supplied as a 0.2 µM filtered solution of PBS, pH 7.4.

Observed MW: 170-220 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-trimer(D614G) protein Cys15- Gln1208(D614G), with an C-terminal His

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

Sequence: Cys15-Gln1208(D614G)

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

Form: Liquid