

Recombinant SARS-CoV-2 S1 Protein (His Tag)(D614G)

RPES6812

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: RPES6812

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

Contents: 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 S1 protein, S1 protein, coronavirus S1 Protein, cov S1 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 Recombinant Human ACE-2 Protein (Fc Tag)(Active)(Cat#RPES0028) at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) can bind Recombinant 2019-nCoV S1 Protein (His Tag) (D614G)(Active)(Cat#RPES6812). The ED50 of RPES6812 is 1.43 $\mu\text{g}/\text{ml}$.

Calculated MW: 76.6 kDa

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

Observed MW: 100-130 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

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 S1 protein Gln14-Arg685(D614G), with an C-terminal His

Sequence: Gln14-Arg685(D614G)

Form: Liquid

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