

# Recombinant SARS-CoV-2 S1 Protein (mFc Tag)

RPES0015

## Description

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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

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**SKU:** RPES0015

**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 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-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 10µg/ml (100 µl/well) can bind Recombinant 2019-nCoV S1 Protein (mFc Tag) (Cat#RPES0015). The ED50 of Recombinant 2019-nCoV S1 Protein (mFc Tag) (Cat#RPES0015) is 0.19 ug/ml.

**Calculated MW:** 101.3 kDa

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

**Observed MW:** 130-160 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 Gln14-Arg685, with an C-terminal mFc

**Sequence:** Gln14-Arg685

**Form:** Liquid

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

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