

# Recombinant SARS-CoV-2 Spike S1 Protein (C-His Tag)(Omicron)

RPES5260

## 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:** RPES5260

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

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

**Concentration:** Subject to label value.

**Species:** SARS-CoV-2

**Endotoxin:** Please contact us for more information.

**Synonyms:** 2019-nCoV Spike 1 protein, Omicron Spike S1, S1 protein, SARS-CoV-2 Spike

**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:** Not validated for activity

**Calculated MW:** 76.5 kDa

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

**Observed MW:** 90-140 kDa

**Reconstitution:** -

**Accession:** P0DTC2

**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

**Source:** -

**Sequence:** Cys15-Arg685(A67V, HV69-70del, T95I, G142D, VYY143-145del, N211del, L212I, ins214EPE, G339D, S371L, S373P, S375F, K417N, N440K,

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

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

G446S, S477N, T478K, E484A, Q493R,  
G496S, Q498R, N501Y, Y505H, T547K,  
D614G, H655Y, N679K, P681H)

**Form:** Liquid