S
Recombinant SARS-CoV-2 (2019-nCoV) S Protein RBD His Tag (B.1.1.529/Omicron variant)

Catalog No.	CSI99109A CSI99109B	**Quantity:**	100 µg 1.0 mg

Alternate Names: Omicron variant (B.1.1.529), Spike glycoprotein, Spike S1 subunit receptor binding domain

Description: Recombinant SARS-CoV-2 S Protein RBD is produced by Mammalian cells expression system and the target gene is expressed with His Tag. The exact sequence is proprietary.
Known as the B.1.1.529 / Omicron variant.

UniProt ID: P0DTC2 (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H)

Accession Number: YP_009724390.1 (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493K, G496S, Q498R, N501Y, Y505H)

Protein Construction: A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) Spike S1 RBD was expressed with a His tag.

Source: Mammalian cells

Formulation: Lyophilized from sterile PBS, pH 7.5

Molecular Weight: 27.8 kDa

Purity: > 90 % as determined by SDS-PAGE.

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

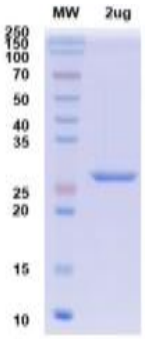
Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.
DO NOT VORTEX. Allow several minutes for complete reconstitution.

Storage & Stability: Stable for up to 1 year from date of receipt at -20°C to -80°C. After reconstitution, stable for 1 week at 2-8°C, or store working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com



SDS-PAGE Image

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences ®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com