

Recombinant COVID-19 S Protein RBD (BF.7)

Catalog #	Source	Reactivity	Applications
CRP3145	Human cells	COVID-19	E, WB, SDS-PAGE, MS

Description Recombinant COVID-19 S protein RBD Protein is produced by the mammalian expression system and the target gene encoding Arg319-Phe541 (G339D, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H) is expressed with a 6His tag at the C-terminus. The mutations were identified in the COVID-19 variant (known as BF.7 lineage) which emerged in Europe.

Form Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.

Gene Symbol

Alternative Names SARS-CoV-2 RBD Protein; SARS-CoV-2 Spike RBD Protein; SARS-CoV-2 S Protein RBD

Entrez Gene

SwissProt P0DTC2

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure

Quality Control

Directions for Use Please minimize freeze-thaw cycles.

Storage/Stability Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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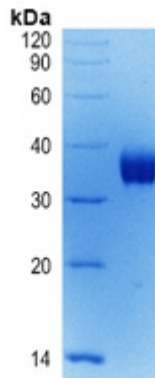
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Product Data Sheet

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