

Recombinant COVID-19 S Protein RBD-SD1 (R436)

Catalog #	Source	Reactivity	Applications
CRP3113	Human cells	COVID-19	E, WB, SDS-PAGE, MS

Description Recombinant COVID-19 S Protein RBD-SD1 is produced by mammalian expression system and the target gene encoding Arg319-Ser591 is expressed with a mutation site at R436 and a 6His tag at the C-terminus.

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

Gene Symbol

Alternative Names S1 protein; 2019-nCoV S1 protein; coronavirus S1 Protein; cov S1 Protein

Entrez Gene QHD43416.1

SwissProt

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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