

Product Data Sheet

Recombinant COVID-19 S Protein RBD (Y501)

| Catalog # | Source | Reactivity | Applications |
|---------------------------|--|------------|---------------------|
| CRP3127 | Human cells | COVID-19 | E, WB, SDS-PAGE, MS |
| Description | Recombinant COVID-19 S Protein RBD is produced by mammalian expression system and the target gene encoding Arg319-Phe541 is expressed with a mutation site at Y501 and a Fc 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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