

Product Datasheet

CoV-2 S1 (319-541) Protein (Biotin) (orb753214)

Description	The HEK293 derived Biotinylated recombinant protein contains the Coronavirus 2019 Spike Glycoprotein S1 Receptor Binding Domain [RBD], Wuhan-Hu-1 strain, amino acids 319-541 fused to His tag & AVI tag at C-terminal and having a molecular mass of 28.7kDa.
Preservatives	CoV-2 S1 RBD protein is lyophilized from 1x PBS pH-7.4 + 10% trehalose.
Form/Appearance	Lyophilized freezed dried powder.
Storage	Stability: Lyophilized Cov-2 S1 Glycoprotein RBD although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CoV2 Spike protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles
Note	For research use only
Application notes	Viral Antigens- Sars Proteins
Purity	Protein is > 90% pure as determined SDS-PAGE.
Source	HEK293 Cells
Solubility (25°C)	It is recommended to reconstitute the lyophilized CoV-2 S1 protein in sterile 18M-cm H2O at a concentration of 0.2mg/ml and not less than 0.1mg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.

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