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Product Datasheet

Recombinant SARS-CoV-2 Spike S1(B.1.1.529/Omicron) Protein, Human ABB-RP02108

Article Name	Recombinant SARS-CoV-2 Spike S1(B.1.1.529/Omicron) Protein, Human
Biozol Catalog Number	ABB-RP02108
Supplier Catalog Number	RP02108
Alternative Catalog Number	ABB-RP02108-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Virus
Immunogen	Gln14-Arg683
Product Description	The spike protein (S) of coronavirus (CoV) attaches the virus to its cellular receptor, angiotensin-converting enzyme 2 (ACE2). A defined receptor-binding domain (RBD) on S mediates this interaction. The S protein plays key parts in the induction of ne...
Concentration	< 1 EU/µg of the protein by LAL method.
Molecular Weight	76.38 kDa
NCBI	43740568
UniProt	O60594
Purity	95 % as determined by SDS-PAGE, 95 % as determined by HPLC.

Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Target	SARS-CoV-2 Spike S1(B.1.1.529/Omicron)
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: SARS-CoV-2 antigens