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Product Datasheet

Recombinant SARS-CoV-2 Spike RBD(B.1.640.2/IHU) Protein, Human ABB-RP02104

Article Name	Recombinant SARS-CoV-2 Spike RBD(B.1.640.2/IHU) Protein, Human
Biozol Catalog Number	ABB-RP02104
Supplier Catalog Number	RP02104
Alternative Catalog Number	ABB-RP02104-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Virus
Immunogen	Arg319-Phe541(R346S, N394S, Y449N, E484K, F490S, N501Y)
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 n...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	40 kDa
NCBI	43740568
UniProt	QHD43416.1
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.

Target	SARS-CoV-2 Spike RBD(B.1.640.2/IHU)
Application Dilute	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.
Application Notes	<p>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</p>