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Product Datasheet

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

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| 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. |

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| Target | SARS-CoV-2 Spike RBD(B.1.640.2/IHU) |
| Application Dilute | Lyophilized from a 0.22 µm 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> |