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## Product Datasheet

### Recombinant SARS-CoV-2 Spike RBD(Lambda/C.37) Protein, Human ABB-RP01492

Article Name	Recombinant SARS-CoV-2 Spike RBD(Lambda/C.37) Protein, Human
Biozol Catalog Number	ABB-RP01492
Supplier Catalog Number	RP01492
Alternative Catalog Number	ABB-RP01492-10UG, ABB-RP01492-50UG, ABB-RP01492-100UG, ABB-RP01492-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Virus
Immunogen	Arg319-Phe541(L452Q,F490S)
Product Description	The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2, DPP4, dipeptidyl peptidase-4, APN, aminopeptidase N, CEACAM...
Concentration	< 0.1 EU/µg of the protein by LAL method.
Molecular Weight	27.70 kDa
NCBI	<a href="#">43740568</a>
UniProt	<a href="#">P0DTC2</a>
Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Target	SARS-CoV-2 Spike RBD(Lambda/C.37)
Application Dilute	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4.
Application Notes	<p>Cross-Reactivity: Centrifuge the vial 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: Other Recombinant Protein</p>