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Product Datasheet

Recombinant MERS-CoV Spike RBD Protein, Human ABB-RP01311

Article Name	Recombinant MERS-CoV Spike RBD Protein, Human
Biozol Catalog Number	ABB-RP01311
Supplier Catalog Number	RP01311
Alternative Catalog Number	ABB-RP01311-10UG, ABB-RP01311-50UG, ABB-RP01311-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Virus
Immunogen	Glu367-Tyr606
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	27.11 kDa
NCBI	14254594
UniProt	K0BRG7
Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Target	MERS-CoV Spike RBD
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	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: Coronavirus antigens