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Product Datasheet

Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) (Fc Tag), Unconjugated ABC-A318168-100

Article Name	Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) (Fc Tag), Unconjugated
Biozol Catalog Number	ABC-A318168-100
Supplier Catalog Number	A318168-100
Alternative Catalog Number	ABC-A318168-100
Manufacturer	Antibodies.com
Category	Proteine/Peptide
Application	SDS-PAGE
Conjugation	Unconjugated
Product Description	Consists of amino acids Arg319-Phe541 of SARS-CoV-2 Spike Glycoprotein RBD (Kappa B.1.617/B.1.617.1/B.1.617.3 Variant) containing the following mutations: L452R and E484Q. The human Fc tag consists of amino acids Glu99-Ala330....
Concentration	Reconstitution dependent.
Molecular Weight	The protein has a predicted molecular mass of 51.2 kDa after removal of the signal peptide. The apparent molecular mass of RBD(L452R and E484Q)-hFc is approximately 55-70 kDa due to glycosylation.
Tag	C-terminal Human Fc Tag
Buffer	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.

Expression System	HEK293 cells
Purity	> 95% by SDS-PAGE and Coomassie blue staining.
Form	Lyophilized
Sequence	S protein RBD (L452Rand E484Q) (Arg319-Phe541) + hFc (Glu99-Ala330)
Target	SARS-CoV-2 Spike Glycoprotein RBD