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Product Datasheet

Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Omicron B.1.1.529 Variant) (Fc Tag), Unconjugated ABC-A318058-50

Article Name	Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Omicron B.1.1.529 Variant) (Fc Tag), Unconjugated
Biozol Catalog Number	ABC-A318058-50
Supplier Catalog Number	A318058-50
Alternative Catalog Number	ABC-A318058-50
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 (Omicron B.1.1.529 Variant) containing the following mutations: G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H. The hu...
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(G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H)-hFc is approximately 55
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 (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H) (Arg319-Phe541) + hFc (Glu99-Ala330)
Target	SARS-CoV-2 Spike Glycoprotein RBD