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Product Datasheet

Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Omicron BA.5 Variant) (Fc Tag), Unconjugated ABC-A317823-100

Article Name	Recombinant SARS-CoV-2 Spike Glycoprotein RBD (Omicron BA.5 Variant) (Fc Tag), Unconjugated
Biozol Catalog Number	ABC-A317823-100
Supplier Catalog Number	A317823-100
Alternative Catalog Number	ABC-A317823-100
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 (Omicron BA.5 Variant) containing the following mutations: G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505...
Concentration	Reconstitution dependent.
Molecular Weight	The protein has a predicted molecular mass of 51.4 kDa after removal of the signal peptide. The apparent molecular mass of S-RBD(Omicron BA.5)-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 (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, L452R, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H) (Arg319-Phe541) + hFc (Glu99-Ala330)
Target	SARS-CoV-2 Spike Glycoprotein RBD