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Product Datasheet

Recombinant SARS-CoV-2 Omicron B.1.1.529 variant spike RBD protein, Biotinylated RAY-230-30201B-10

Article Name	Recombinant SARS-CoV-2 Omicron B.1.1.529 variant spike RBD protein, Biotinylated
Biozol Catalog Number	RAY-230-30201B-10
Supplier Catalog Number	230-30201B-10
Alternative Catalog Number	RAY-230-30201B-10
Manufacturer	RayBiotech
Category	Protein/Peptide
Species Reactivity	Virus
Conjugation	Biotin
Product Description	Biotin-conjugated recombinant SARS-CoV-2 Omicron variant spike S1 subunit protein RBD with 15 mutant sites (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H) with C-terminal His-tag, derived from...
Concentration	Lot specific (see the label on the vial), determined by BCA protein assay
Molecular Weight	Recombinant protein product has a calculated molecular mass of 25 kDa. Due to the abundant glycosylation, it migrates as approximately 30 kDa protein bands in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions. After deglycosylation under native
Tag	His

Expression System	HEK293 cells
Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Form	Liquid
Sequence	Arg319-Phe541. Omicron 15 mutant sites (G339D, S371L, S373P, S375F, K417N, N440K, G446S, S477N, T478K, E484A, Q493R, G496S, Q498R, N501Y, Y505H)
Formula	Supplied as a 0.2 μ m filtered solution in PBS (pH 7.4)