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Product Datasheet

Recombinant SARS-CoV-2 Omicron Variant BQ1.1 Spike S1 RBD Protein RAY-230-30248-100

Article Name	Recombinant SARS-CoV-2 Omicron Variant BQ1.1 Spike S1 RBD Protein
Biozol Catalog Number	RAY-230-30248-100
Supplier Catalog Number	230-30248-100
Alternative Catalog Number	RAY-230-30248-100
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Product Description	Recombinant SARS-CoV-2 Omicron variant BQ1.1 spike S1 subunit receptor binding protein (RBD) with 20 mutant sites (G339H, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, K444T, L452R, N460K, S477N, T478K, E484A, F486V, Q498R, N501Y, Y5...
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.
Tag	His
Expression System	HEK293 cells
Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining

Form	Liquid
Sequence	Arg319-Phe541, 20 mutant sites (G339H, R346T, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, K444T, L452R, N460K, S477N, T478K, E484A, F486V, Q498R, N501Y, Y505H).
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)