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## Product Datasheet

### Recombinant SARS-CoV-2 Omicron Variant BA.2 Spike S1 RBD Protein with 16 Mutant Sites RAY-230-30018-10

Article Name	Recombinant SARS-CoV-2 Omicron Variant BA.2 Spike S1 RBD Protein with 16 Mutant Sites
Biozol Catalog Number	RAY-230-30018-10
Supplier Catalog Number	230-30018-10
Alternative Catalog Number	RAY-230-30018-10
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Product Description	Recombinant SARS-CoV-2 (2019-nCoV) Omicron variant spike S1 subunit receptor binding protein (RBD) with 16 mutant sites (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H) with C-terminal H...
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-tag
Expression System	HEK293 cells

Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Form	Liquid
Sequence	Arg319-Phe541, 16 mutant sites (G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H).
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)