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Product Datasheet

Recombinant SARS CoV-2 Omicron XBB.1 S1RBD Protein RAY-230-30247-10

Article Name	Recombinant SARS CoV-2 Omicron XBB.1 S1RBD Protein
Biozol Catalog Number	RAY-230-30247-10
Supplier Catalog Number	230-30247-10
Alternative Catalog Number	RAY-230-30247-10
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Product Description	Recombinant SARS CoV-2 Omicron XBB.1 S1RBD with a C-terminal His-tag, derived from the transfected human HEK293 cells....
Concentration	Lot specific (see the label on the vial), determined by Bradford protein assay
Molecular Weight	Recombinant protein product has a calculated molecular mass of 25 kDa. Due to the abundant glycosylation, it migrates as approximately 35 kDa major protein band in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions. See deglycosylation analysis
Tag	His
Expression System	HEK293 cells
Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Form	Liquid

Sequence	Arg319-Phe541. 22 site mutation: G339H, R346T, L368I, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, V445P, G446S, N460K, S477N, T478K, E484A, F486S, F490S, Q498R, N501Y, Y505H.
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)