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## Product Datasheet

### **Recombinant SARS-CoV-2 S1 Subunit Protein RBD, R346K/E484K/N501Y mutant, Biotinylated RAY-230-30213B-1000**

Article Name	Recombinant SARS-CoV-2 S1 Subunit Protein RBD, R346K/E484K/N501Y mutant, Biotinylated
Biozol Catalog Number	RAY-230-30213B-1000
Supplier Catalog Number	230-30213B-1000
Alternative Catalog Number	RAY-230-30213B-1000
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Conjugation	Biotin
Product Description	Biotin-conjugated recombinant SARS-CoV-2 S1 subunit protein RBD, mutant R346K/E484K/N501Y with C-terminal His-tag, derived from the transfected human HEK293 cells....
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 nati
Tag	His
Expression System	HEK293 cells

Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Form	Liquid
Sequence	Arg319-Phe541. R346K/E484K/N501Y mutant: amino acid Arg (R) at 346 position was mutated to Lys (K), Glu (E) at 484 position was mutated to Lys (K), Asn (N) at 501 position was mutated to Tyr (Y).
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)