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## Product Datasheet

### Recombinant SARS-CoV-2 S1 Subunit Protein (RBD), mutant Y453F, Biotinylated RAY-230-30185B-50

Article Name	Recombinant SARS-CoV-2 S1 Subunit Protein (RBD), mutant Y453F, Biotinylated
Biozol Catalog Number	RAY-230-30185B-50
Supplier Catalog Number	230-30185B-50
Alternative Catalog Number	RAY-230-30185B-50
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Conjugation	Biotin
Product Description	Biotin-conjugated recombinant SARS-CoV-2 S1 Subunit Protein (RBD) mutant Y453F 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 band 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. Amino acid Tyr (Y453) was mutated to Phe (F453).
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)