

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Recombinant SARS-CoV-2 S1 Subunit Protein RBD, double mutant L452R/E484Q RAY-230-30196-100**

Article Name	Recombinant SARS-CoV-2 S1 Subunit Protein RBD, double mutant L452R/E484Q
Biozol Catalog Number	RAY-230-30196-100
Supplier Catalog Number	230-30196-100
Alternative Catalog Number	RAY-230-30196-100
Manufacturer	RayBiotech
Category	Proteine/Peptide
Species Reactivity	Virus
Product Description	Recombinant SARS-CoV-2 S1 subunit protein RBD, double mutant L452R/E484Q 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 native
Tag	His
Expression System	HEK293 cells

Purity	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Form	Liquid
Sequence	Arg319-Phe541. L452R/E484Q double mutant: amino acid Leu (L) at 452 position was mutated to Arg (R), amino acid Glu (E) at 484 position was mutated to Gln (Q).
Formula	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4)