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## Product Datasheet

### **Recombinant SARS-CoV-2 S1 Subunit Protein with C-terminal His-tag, Transfected HEK293 Cell Culture Supernatant RAY-230-20407-200**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant SARS-CoV-2 S1 Subunit Protein with C-terminal His-tag, Transfected HEK293 Cell Culture Supernatant                                                                                                                                                |
| Biozol Catalog Number      | RAY-230-20407-200                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | 230-20407-200                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | RAY-230-20407-200                                                                                                                                                                                                                                             |
| Manufacturer               | RayBiotech                                                                                                                                                                                                                                                    |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Species Reactivity         | Virus                                                                                                                                                                                                                                                         |
| Product Description        | Recombinant SARS-CoV-2 S1 Subunit Protein with C-terminal His-tag, secreted from the serum-free medium of transfected HEK293 cells. Purchase will also include one vial of normal control (Catalog . 230-20001), the culture supernatant of HEK293 cell tr... |
| Molecular Weight           | Recombinant protein product has a calculated molecular mass of 75. The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).                                                                            |
| Tag                        | His                                                                                                                                                                                                                                                           |
| Expression System          | HEK293 cells                                                                                                                                                                                                                                                  |

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| Purity   | Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control. |
| Form     | Pink liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence | Val16-Gln690                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formula  | Cell culture supernatant of transfected HEK293 cells, serum-free.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |