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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Data Sheet

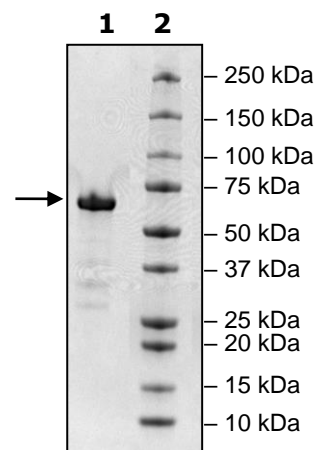
### **Spike S1 RBD, Fc-Fusion, Avi-Tag, Biotin-labeled (SARS-CoV-2)**

SARS-CoV-2, Recombinant,  
C-terminal Fc-Avi-tag, Biotin-labeled**Catalog #:** 100695**Lot #:** 200430**Conc.:** 0.61 mg/ml**Formulated in:** 8 mM Phosphate, pH 7.4,  
110 mM NaCl, 2.2 mM KCl, and 20%  
glycerol.**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . *Avoid  
freeze/thaw cycles.***References:**

1. Zhou, P. *et al.*, *Nature*. **272**: 270-289, 2020.
2. Xiao, X. *et al.*, *Cell Mol Life Sci*. **61(19-20)**: 2428-2430, 2004.

**Description:** SARS-CoV-2 Spike protein S1 subunit, receptor binding domain (RBD), also known as SARS-CoV-2 spike RBD, novel coronavirus spike RBD and nCoV spike RBD, GenBank Accession No. MN\_908947.1, a.a. 319-541, fused at the C-terminus of the Fc portion of human IgG1, with a C-terminal Avi-tag, expressed in a HEK293 cell expression system and enzymatically biotinylated using Avi-tag™ technology. Biotinylation is confirmed to be  $\geq 90\%$  MW=54 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

## **Quality Assurance**

**4-20% SDS-PAGE  
Coomassie staining****Lane 1:**  
4 $\mu\text{g}$  SARS-CoV-2  
RBD**Lane 2:**  
Protein Marker**MW:** 54 kDa**Purity:**  $\geq 90\%$ 

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