



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

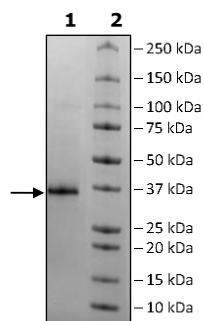
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Product Information

|                           |   |
|---------------------------|---|
| <b>Construct:</b>         | Spike RBD (B.1.351 Variant) (SARS-CoV-2) (319-541-Avi-His)  |
| <b>Mutations:</b>         | K417N, E484K, N501Y   |
| <b>Concentration:</b>     | 0.73 mg/ml  |
| <b>Species:</b>           | SARS-CoV-2  |
| <b>Formulated In:</b>     | 8 mM phosphate pH 7.4, 110 mM NaCl, 2.2 mM KCl, 20% glycerol  |
| <b>Expression System:</b> | HEK293  |
| <b>Format:</b>            | Aqueous buffer solution   |
| <b>Stability:</b>         | At least 6 months at -80°C. Avoid freeze/thaw cycles.   |
| <b>Storage:</b>           | -80°C   |
| <b>Genbank Accession:</b> | MN908947  |
| <b>MW:</b>                | 28 kDa  |
| <b>Glycosylation:</b>     | This protein runs at a higher MW by SDS-PAGE due to glycosylation.  |
| <b>Purity:</b>            | ≥90%  |
| <b>Assay Conditions:</b>  | Assay was done according to the Spike RBD (B.1.1.7 Variant) (N501Y) (SARS-CoV-2): ACE2 Inhibitor Screening Chemiluminescence Assay Kit (BPS Bioscience #78140) with various amounts of ACE2, His-Avi-Tag, Biotin-labeled HiP™ (BPS Bioscience #100665). |
| <b>Application:</b>       | Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.   |

## Quality Control Data

4-20% SDS-Page Coomassie Staining



Spike RBD (B.1.351 Variant) (SARS-CoV-2) Activity

