



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

www.szabo-scandic.com

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

Data Sheet

Spike S1, Fc fusion, Avi-tag, Biotin-Labeled (SARS-CoV-2)

SARS-CoV-2, Recombinant, C-terminal
Fc-Avi-tag, Biotin-labeled

Catalog #: 100679

Lot #: 200326

Conc: 0.37 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°C. *Avoid
freeze/thaw cycles.*

References:

1. Hoffman, M. *et al.*, *Cell*. 2020 Apr;
181:1-10.
2. Walls, A. C. *et al.*, *Cell*. 2020 Mar;
180:1-12

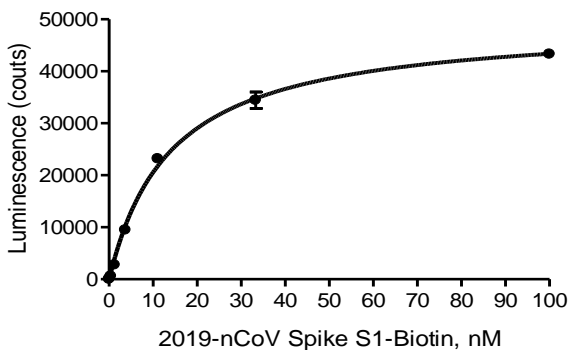
Description: Severe acute respiratory
Coronavirus 2 Spike Glycoprotein S1 (SARS-
CoV-2 Spike S1), GenBank Accession No.
QHD43416.1, a.a. 13-665, fused at the C-
terminus of the Fc portion of human IgG1, with a
C-terminal Avi-tag, expressed in a HEK293
expression system and enzymatically biotinylated
using Avi-tag™ technology. Biotinylation is
confirmed to be ≥90%. MW=102 kDa. This protein
runs at a higher MW by SDS-PAGE due to
glycosylation.

Assay Conditions: Nickel plate wells were
coated with 1 µg/ml ACE2, His-Tag (BPS
Bioscience, #11003, 50 ng/well). Then, 2019-
nCoV Spike S1, Fc-fusion (IgG1), Biotin-labeled
was incubated with ACE2, His-tag for 1 hour at
room temperature, 50 µl/well. Bound protein was
quantified with Streptavidin-HRP (BPS
Bioscience, #79742) and luminescence was
measured in a BioTek Synergy 2 microplate
reader.

Applications: Useful for the study of enzyme
kinetics, screening inhibitors, and selectivity
profiling.

Quality Assurance

ACE2:SARS-CoV-2 Spike Interaction



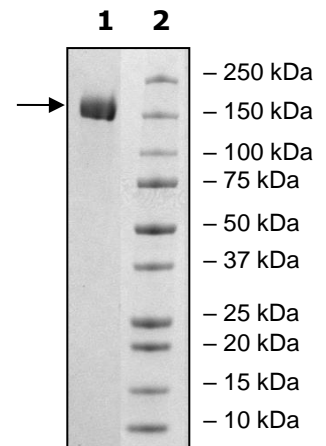
4-20% SDS-PAGE Coomassie staining

Lane 1:
6µg SARS-CoV-2 S1

Lane 2:
Protein Marker

MW: 102 kDa

Purity: ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.202.1401** Fax **1.858.481.8694**

Or you can Email us at: info@bpsbioscience.com

Please visit our website at: www.bpsbioscience.com