



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

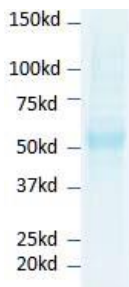
www.szabo-scandic.com

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

Receptor Binding Domain of SARS-CoV-2 Spike Protein

CATALOG NUMBER: SCV2-RBD-060P, 50 µg

Introduction	<p>The novel coronavirus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified coronavirus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019.</p> <p>The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleoprotein also clustered closely with those of the bat, civet and human SARS coronaviruses. However, the external subdomain of Spike's receptor binding domain (RCB) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.</p>
Applications	Western blot standard, antibody ELISA, antigen, etc.
Description	Viral protein purified from 293 cell culture
Viral Protein	Spike protein RBD domain (amino acid 309-538) of human SARS-CoV-2 (GenBank No. MN908947) with a C-terminal hFc tag
Storage	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous, no MSDS required.
Concentration	1 µg/µl in PBS
Endotoxin Level	<0.01 EU per 1 µg of the protein by LAL test
Purity	≥ 90% (by SDS PAGE)



SDS-PAGE: purified spike protein RBD domain (aa 309-538) of SARS-CoV-2

RBD of Spike Protein (SARS-CoV-2) SEQ:

KGIIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNKRKISNCVADYSVLYNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEV
RQIAPGQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNLYRLFRKSNLKPFFERDISTEIIYQAGSTPCNGVEGFNCFYFPLQSYGFQPTNGVGYQP
YRVVVLSFELLHAPATVCGPKKSTNLVKNKC-hFc

Reference:

1. Zhang Y.Z., et al. A new coronavirus associated with human respiratory disease in China. Nature, 579(7798): 265-269, 2020.