



# 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

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## Recombinant SARS Associated Coronavirus Envelope

**CLSARS252**  
**CLSARS252-2**  
**CLSARS252-3**

**Introduction:** SARS Coronavirus is an enveloped virus containing three outer structural proteins, namely the membrane (M), envelope (E), and spike (S) proteins. Spike (S)-glycoprotein of the virus interacts with a cellular receptor and mediates membrane fusion to allow viral entry into susceptible target cells. Accordingly, S-protein plays an important role in virus infection cycle and is the primary target of neutralizing antibodies.

**Description:** The E.coli derived 34 kDa recombinant protein contains the N-terminus Envelope protein 1-76 amino acids immunodominant regions.

**Purification Method:** SARS Envelope protein was purified by proprietary chromatographic technique.

**Purity:** SARS Envelope protein is >95% pure as determined by 10% PAGE (coomassie staining).

**Presentation:** 100 µg (CLSARS252), 0.5 mg (CLSARS252-2), or 1 mg (CLSARS252-3), 50mM Tris-HCl, 60mM NaCl, pH 8 and 50% glycerol.

**Storage:** Store at -20°C.

**Specificity:** SARS Envelope protein is Immunoreactive with sera of SARS-infected individuals.

**Applications:** SARS Envelope antigen is suitable for ELISA and Western blots, excellent antigen for detection of SARS with minimal specificity problems.

**Laboratory Reagent for Research Use Only**

MW 05/05/20

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