



# 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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## Data Sheet

### CD47, Fc fusion, Biotin-labeled

Human, Recombinant, Fc fusion, C-Terminal  
Avi-tag

**Catalog #:** 71169

**Lot #:** 150618

**Conc.:** 1.16 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. Protein may be diluted to  
 $\geq 100 \mu\text{g/ml}$  in PBS + glycerol and stored at  
 $-80^{\circ}\text{C}$ .*

**References:**

1. Vernon-Wilson, E.F., *et al.*, *Eur. J. Immunol.* 2000; **30(8)**: 2130-2137.
2. Majeti, R. *et al.*, *Cell.* 2009; **138(2)**: 286-299.

**Description:**

Human CD47, also known as leukocyte surface antigen CD47, Rh-related antigen, integrin-associated protein (IAP), antigenic surface determinant protein OA3, and MER6. GenBank Accession No. NM\_001777, a.a. 19-139 fused at the C-terminus to the Fc portion of human IgG1 and C-terminal Avi-tag expressed in a HEK293 cell expression system and enzymatically biotin-labeled using Avi-tag™ technology. MW = 42.2 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

**Application:**

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

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## **Quality Assurance**

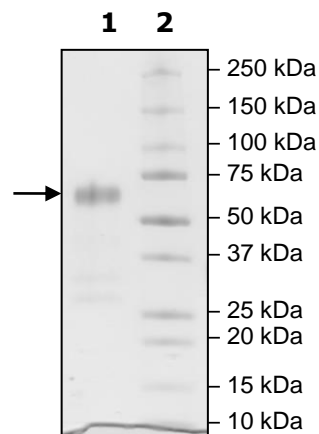
**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
3  $\mu\text{g}$  CD47

**Lane 2:**  
Protein Markers

**MW:** 42.2 kDa+glycans

**Purity:**  $\geq 90\%$



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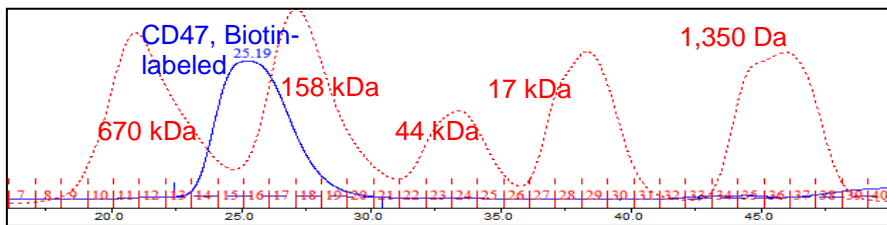
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### Gel Filtration Curve



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