



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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, His-tag

Human, Recombinant, C-Terminal His-tag

**Catalog #:** 71127

**Lot #:** 151125-G3      **Conc.:** 3.0 mg/ml

**Formulated in:** 10 mM Phosphate, pH 7.4,  
138 mM NaCl, 2.7 mM KCl

**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:**

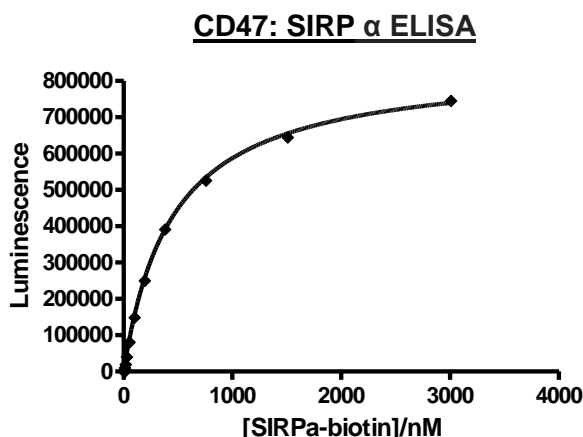
1. Lavender, K.G., *et al.*, *Blood*. 2013 Dec; **122(25)**:4013-20.
2. Zhao, X., *et al.*, *Mol Ther*. 2013 Oct **21(10)**:1811.

**Description:** Human Recombinant CD47 protein, also known as MER6, with C-terminal His-Tag, GenBank Accession No. NM\_001777, a.a. 19-139 expressed in a HEK293 cell expression system. MW = 15 kDa (monomer). This protein runs at a higher M.W. by SDS-PAGE due to glycosylation.

**Assay Description:** Coated wells in assay plate with either PBS (No Coat) or 250 ng/well of CD47-His in 50  $\mu\text{l}$  PBS (overnight at 4 deg). Mixed various concentrations of SIRP $\alpha$ -biotin (0-3000nM) in assay buffer and added to assay plate wells. Incubated for 2h at RT. Detected binding with Strep-HRP generated luminescence. Assay Buffer is PBS + 0.1% BSA.

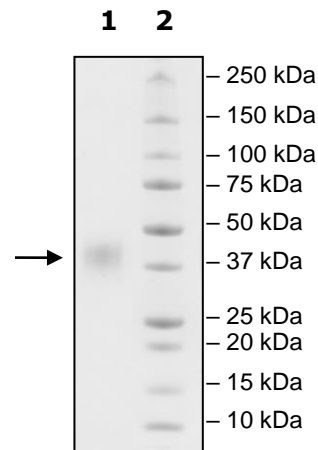
**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

### Quality Assurance



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

**Lane 1:**  
2  $\mu\text{g}$  CD47  
**Lane 2:**  
Protein Marker  
**MW:** 15 kDa+glycans  
**Purity:**  $\geq 90\%$



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