



# 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

### **B7-H2 (CD275, ICOSL), Fc fusion HiP™**

Human, recombinant, Fc fusion protein

**Catalog #:** 71130

**Lot #:** 140603-D                      **Conc.:** 0.83 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 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 remain stable for 6 months at  $-80^{\circ}\text{C}$ .

**References:**

1. Guillonau, C., *et al.*, *Transplantation*. 2005; **80(4)**: 546-554.
2. Fan, X., *et al.*, *J. Exp. Med.* 2014; **211(4)**: 715-725.

**Description:**

Human secreted B7 homolog 2 (B7-H2)-Fc fusion protein, also known as CD275, ICOSL, ICOSLG, and B7-related protein (B7RP), GenBank Accession No. NM\_001283050, a.a 19-258 fused to human IgG1 Fc region (a.a. 100-330) and expressed in a HEK293 cell expression system. MW = 54 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

**Application:**

Useful for the study of protein binding interactions, screening inhibitors, and selectivity profiling.

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## **Quality Assurance**

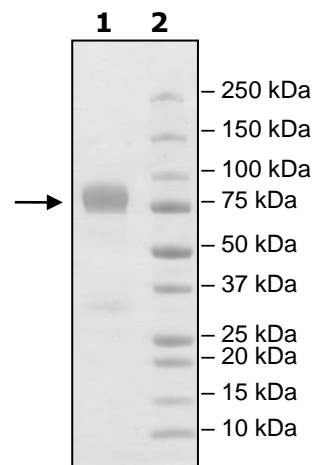
**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
3 $\mu\text{g}$  B7H2

**Lane 2:**  
Protein Marker

**MW:** 54 kDa

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



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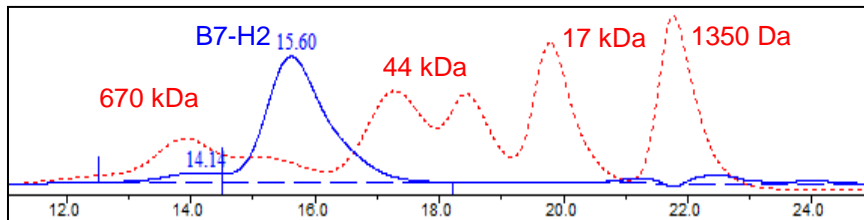
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### Gel Filtration Curve



<10 % Aggregation

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