



# 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

### **B7-H4, Biotinylated**

Human, recombinant, biotin labeled

**Catalog #:** 71129

**Lot #:** 150218-B      **Conc.:** 1.72 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. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

#### **References:**

1. Byrum, J.N., Van Komen, J.S., Rodgers, W., *J. Immunol.* 2013 Sep 15;191(6):3073-3081.
2. Legat, A., *et al.*, *Front Immunol.* 2013 Dec 19;4:455.

#### **Description:**

Human secreted B7-H4, also known as B7x and B7S1, with C-terminal His-Avi-Tags. GenBank Accession No. NM\_078902, a.a 29-258 expressed in a HEK293 cell expression system and enzymatically biotin-labeled using Avi-tag™ technology. MW = 28.6 kDa (monomer). This protein runs at a higher M.W. by SDS-PAGE due to glycosylation.

#### **Application:**

Useful for the study of protein-protein interaction and in vitro and in vivo protein function studies.

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### **Quality Assurance**

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

##### **Lane 1:**

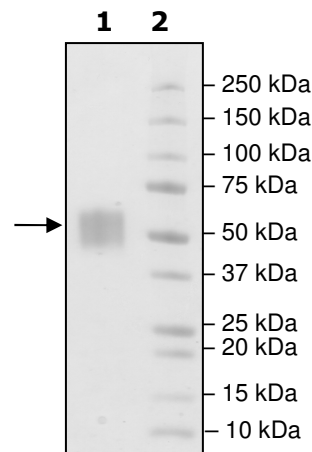
3  $\mu\text{g}$  B7H4

##### **Lane 2:**

Protein Marker

**MW:** 28.6 kDa + glycans

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



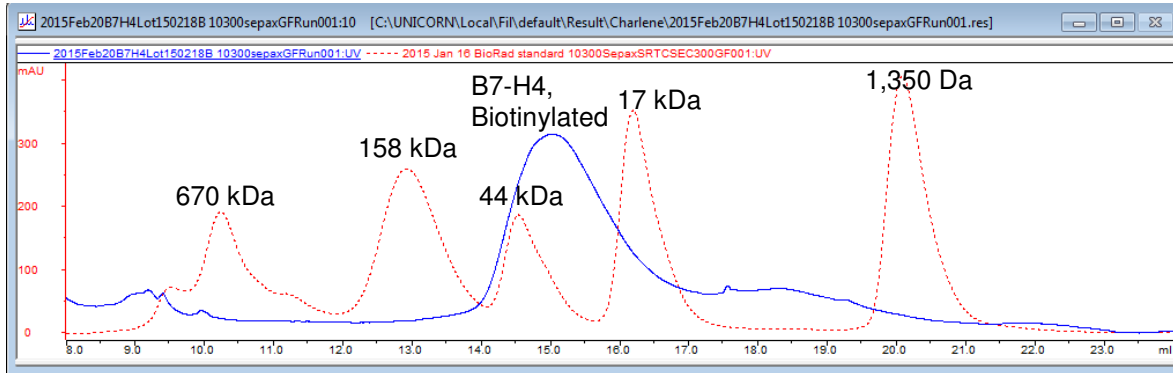
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## Gel Filtration Curve



## Sequence

FGISGRHSITVTTVASAGNIGEDGILSCTFEPDIKLSDIVIQWLKEGVLGLVHEFKEGKD  
 ELSEQDEMFRGRTAVFADQVIVGNASRLKQVQLTDAGTYKCYIITSKGKGNANLEYK  
 TGAFSMPEVNVNDYNASSETLRCEAPRWFPQPTVWASQVDQGANFSEVSNTSFELN  
 SENVTMKVSVLYNVTINNTYSCMIENDIAKATGDIKVTSEIKRRSHLQLLNSKAHHH  
 HHHHHHHHGGGLNDIFEAQKIEWHE

Black: B7H4 (a.a. 29-258)

Red: His(10x)

Blue: Avi

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