



# 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

### CD28H, Fc fusion, Biotin-labeled

Human, recombinant, C-terminal Fc fusion (Human IgG1), C-terminal AviTag™

**Catalog#:** 71239

**Lot#:** 150901-G      **Conc.:** 0.31 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°C. Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80 °C.

**References:**

1. Zhu, Y., *et al.*, *Nat. Commun.* 2013; **4**: 2043.
2. Zhu, Y., *et al.*, *J. Immunol.* 2015; **194**: 142.2.

**Description:**

Human CD28 homolog (CD28H), also known as Transmembrane and immunoglobulin domain-containing protein 2 (TMIGD2) and immunoglobulin and proline-rich receptor 1 (IGPR-1). GenBank Accession No. NM\_144615, a.a. 23-128 fused at the C-terminus to the Fc portion of human IgG1 followed by a C-terminal AviTag™ expressed in a HEK293 expression system. MW = 40 kDa. This protein is enzymatically biotinylated using Avi-tag™ technology. Biotinylation is confirmed to be greater than 90%. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

**Application:**

Useful for studying protein binding and for screening small molecules and antibodies.

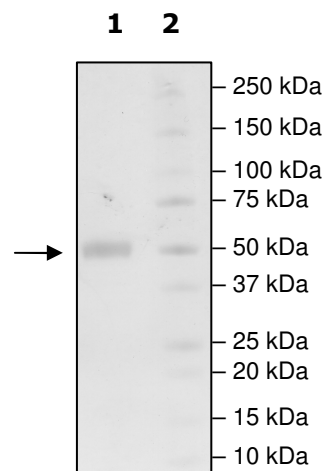
### Quality Assurance

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

**Lane 1:**  
3 µg CD28H

**Lane 2:**  
Protein Marker

**MW:** 40 kDa+glycans  
**Purity:** ≥90%



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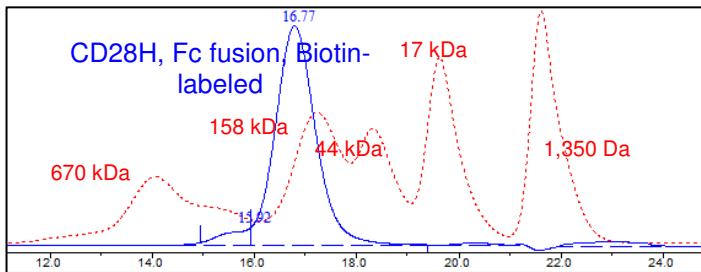
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### Gel Filtration Curve



<5% aggregation

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