



# 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

### CD40

Human, recombinant, Fc fusion protein

**Catalog #:** 71174

**Lot #:** 140528-D      **Conc.:** 0.9 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 stored at  $-80^{\circ}\text{C}$ .

**Endotoxin Level:**  $<0.1 \text{ EU}/\mu\text{g}$

#### References:

1. Wilcox, R.A., *et al.*, *J. Clin. Invest.* 2002; **109(5)**: 651-659.
2. Foell, J. *et al.*, *J. Clin. Invest.* 2003; **111(10)**: 1505-1518.

#### Description:

Human secreted CD40, Fc fusion protein, also known as Tumor Necrosis Factor Receptor Superfamily Member 5, TNFRSF5, and Bp50, GenBank Accession No. NM\_001250, a.a. 21-193 expressed in a HEK293 cell expression system. MW = 45.9 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

#### Application:

Useful for studying protein binding and screening small molecules.

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### Quality Assurance

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

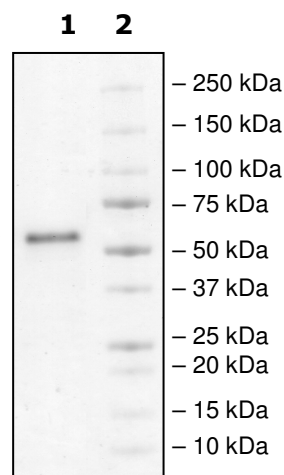
**Lane 1:**

3  $\mu\text{g}$  CD40

**Lane 2:** →  
Protein Marker

**MW:** 45.9 kDa + glycans

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



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## ***Sequence***

EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETECLPCGESEFLDTWNRETHC  
HQHKYCDPNLGLRVQQKGTSETDTICTCEEGWHCTSEACESCVLHRSCSPGFGVKQI  
ATGVSDTICEPCPVGFFSNVSSAFEKCHPWTSCETKDLVVQQAGTNKTDVVCGPQDR  
LRDIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV  
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV  
SNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES  
NGQPENNYKTTTPVLDSGDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKS  
LSLSPGK

Black: CD40 (a.a. 21-193)

Green: linker

Red: Fc of human IgG1 (a.a. 100-330)

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