



# 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

### CD70, His-tag

Human, recombinant, N-terminal His-tag

**Catalog#:** 71178

**Lot#:** 140716-D      **Conc.:** 1.1 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0,  
110 mM NaCl, 2.2 mM KCl, and 20%  
glycerol

**Stability:** >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:** <1 EU/ $\mu\text{g}$

#### References:

1. Arens, R. *et al.*, *Immunity*. 2001; **15**(5):  
801-812.
2. Law, C.L. *et al.*, *Canc. Res.* 2006; **66**:  
2328-2337.

#### Description:

Human CD70, also known as CD70 antigen, Tumor Necrosis Factor Ligand Superfamily Member 7, TNFSF7, CD27 Ligand, Ki-24 antigen, CD27-L, and CD27LG, GenBank Accession No. NM\_001252, a.a. 39-193 with N-terminal His-tag, expressed in a HEK293 cell expression system. MW = 19.7 kDa. 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.

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### Quality Assurance

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

**Lane 1:**

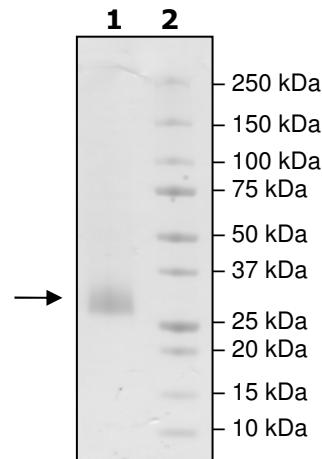
2  $\mu\text{g}$  CD70

**Lane 2:**

Protein Marker

**MW:** 19.7 kDa + glycans

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



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## ***Sequence***

HHHHHHHHHHGGGSGGGSGGGSSIEGRQRFAQAQQQLPLESLGWDVAELQLNHTGP  
QQDPRLYWQGGPALGRSFLHGPELDKGQLRIHRDGIYMVHIQVTLAICSSTTASRHP  
TTLAVGICSPASRSISLLRLSFHQGCTIASQRLTPLARGDTLCTNLTGTLPSRNTDEF  
FGVQWVRP

Black: CD70 (a.a. 39-193(end))

Green: Linker

Red: 10xHis

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