



# 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

### CD160, His-Tag, HiP™

Human, Recombinant with C-terminal His-tag

**Catalog #:** 71173

**Lot #:** 140514-D      **Conc.:** 3.03 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. Protein may be diluted to  $\geq 100 \mu\text{g/ml}$  in PBS + glycerol and stored at  $-80^{\circ}\text{C}$ .

**Endotoxin Level:**  $<1 \text{ EU}/\mu\text{g}$

**References:**

1. Cai, G., *et al.*, *Nat. Immunol.* 2008; **9**: 176-185.
2. Le Bouteiller, P. *et al.*, *Proc. Nat. Acad. Sci. USA* 2002; **99(26)**: 16963-16968.

**Description:**

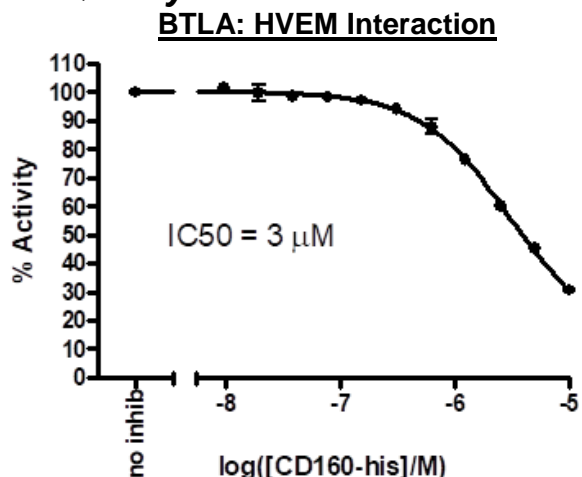
Human secreted CD160, Fc fusion protein, also known as Natural killer cell receptor BY55, GenBank Accession No. NM\_007053, a.a. 27-159 with C-terminal His-tag, expressed in a HEK293 cell expression system. MW = 15.6 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

**Assay Conditions:** Used #72008 protocol. Briefly, coated plate with 100 ng/well of BTLA in 50  $\mu\text{l}$  (overnight at 4 deg). Added various concentrations of either CD160 (0-10  $\mu\text{M}$ ) or HVEM-Fc (0-3  $\mu\text{M}$ ) CD137-biotin. Initiated binding assay with addition of 100 ng/well HVEM-Fc-biotin. Incubated for 2h at RT. Detected binding with Strep-HRP generated luminescence.

**Application:**

Useful for studying protein binding and screening small molecules.

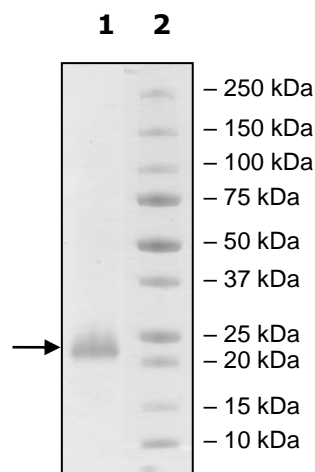
### Quality Assurance



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

**Lane 1:**  
3  $\mu\text{g}$  CD160  
**Lane 2:**  
Protein Marker

**MW:** 16 kDa + glycans  
**Purity:**  $\geq 90\%$



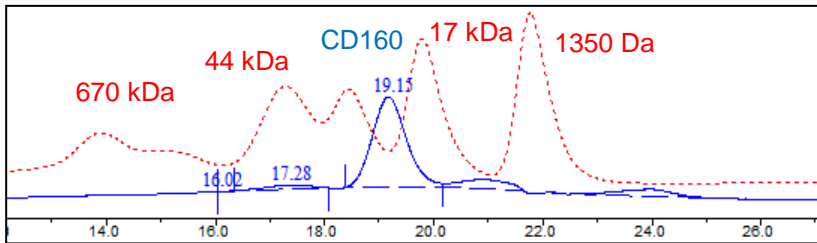
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### Gel Filtration Curve



<10% Aggregation

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