



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### Human CD46-C, His-tag

Human recombinant, C-terminal His-tag

**Catalog #:** 71231

**Lot #:** 150520-D

**Conc.:** 1.0 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. Liszewski, MK., Atkinson, JP., *J. Immunol.* 1996; **156(11)**:4415-4421.
2. Gerlier, D., *et al.*, *Gen. Virol.* 1994. **75(Pt 9)**:2162-2171.

**Description:** Human CD46-C, also known as membrane co-factor protein, GenBank Accession No. BC\_030594, a.a. 35–285 and 301–328 with C-terminal His-tag, expressed in a HEK293 cell expression system. MW = 35.2 kDa (precursor), 32.8 kDa (mature). *Note: this protein is expressed with a 34 amino acid signal sequence that is cleaved after secretion and is heavily glycosylated, resulting in a protein that runs at a higher apparent MW.*

**Application:** Useful for studies of protein function and protein-protein interaction.

## Quality Assurance

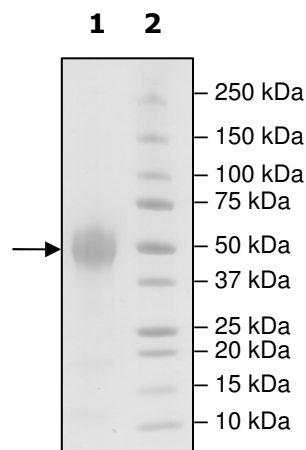
**4-20% SDS-PAGE  
Coomassie staining**

**Lane 1:**  
3  $\mu\text{g}$  CD46-C

**Lane 2:**  
Protein Marker

**MW:** 32.8 kDa +glycans

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



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**Sequence**

MEPPGRRECPFPSWRFPGLLLAAMVLLLYSFSDACEEPPTFEAMELIGKPKPYYEIGERVDYKC  
KKG YFYIPPLATH TICDRNHTWLPVSDDACYRETCPYIRDPLNGQAVPANGTYEFGYQMHFICNE  
GYYLIGEEILYCELKGSVAIWSGKPPICEKVLCTPPP KIKNGKHTFSEVEVFEYLDVAVTYS CDPAP  
GPDFSLIGESTIYCGDNSVWSRAAPECKVVKCRFPVVENGKQISGFGKKFYKATVMFECDKG  
FYLDGSDTIVCDSNSTWDPPVPKCLKGPRPTYKPPVSNYPGYPKPEEGILDSLDHHHHHHHHHH

Blue: Signal sequence

Black: CD46-C (a.a. 35 – 285; 301 – 328)

Red: 10x His

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