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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

ICOS (CD278), Fc Fusion

Human, recombinant, Fc fusion protein

Catalog#: 71179

Lot#: 140722-D **Conc.:** 1.54 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°C . Avoid freeze/thaw cycles. Protein may be diluted to $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at -80°C .

Endotoxin Level: <1 EU/ μg

References:

1. Hutloff, A. *et al.*, *Nature*. 1999; **397**: 263-266.
2. Dong, C. *et al.*, *Nature*. 2001; **409**: 97-101.

Description:

Human ICOS, Fc fusion protein, also known as inducible T-cell costimulator and CD antigen 278, activation-inducible lymphocyte immunomediatory molecule, AILIM, CD278, and CVID1. GenBank Accession No. NM_012092, a.a. 21-140 expressed in a HEK293 cell expression system. MW = 40.2 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.

Quality Assurance

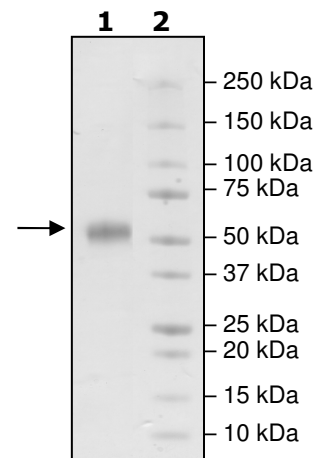
**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
3 μg ICOS (CD278)

Lane 2:
Protein Marker

MW: 40.2 kDa + glycans

Purity: $\geq 90\%$



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Sequence

**EINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLLKGGQILCDLTKTKGSGNTVSIKS
LKFCHSQLSNNSVSFFLYNLDHSHANYFCNLSIFDPPPFKVTLTGGYLHIYESQLCCQ
LKI**EGRMD**PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVS
HEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVS
NKALPAIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKS
LSLSPGK**

Black: ICOS (a.a. 21-140)

Green: linker

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

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