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Produktinformation



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Diagnostik & molekulare Diagnostik



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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

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Data Sheet

B7-H7, Fc-Fusion, Avi-Tag, Biotin-Labeled

Human, Recombinant, C-terminal Fc-Avi-Tag,
Biotin-Labeled

Catalog #: 79366

Lot #: 150806

Conc.: 0.56 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°C . Avoid
freeze/thaw cycles. Protein may be diluted to
 $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at
 -80°C .

References:

1. Flajnik, M.F., *et al. Immunogenetics.*
2012; **64(8)**: 571-590.
2. Schluter, F., *et al., Inorg. Chem.,*
2011; **50(6)**: 2580-2589.

Description: Human B7-H7, also known as HHLA2, and HERV-H LTR-associating 2, GenBank Accession No. NM_007072, a.a. 23-344, with a C-terminal Avi-Tag fused with the Fc portion of Human IgG1, expressed in a HEK293 cell expression system. This protein is enzymatically biotinylated using Avi-Tag™ technology. MW =66 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

Applications: Useful for the study of protein-protein interactions and in vitro and in vivo protein function.

Quality Assurance

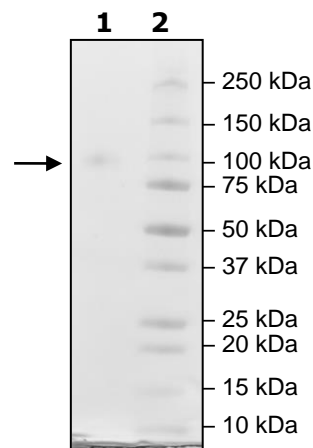
**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
3 μg B7-H7

Lane 2:
Protein Marker

MW: 65.5 kDa+glycans

Purity: $\geq 90\%$



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Sequence

IFPLAFFIYVPMNEQIVIGRLDEDIILPSSFERGSEVVIIHWKYQDSYKVHSYYKG
SDHLESQDPRYANRTSLFYNEIQNGNASLFFRRVSLLEDEGIYTCYVGTAIQVITN
KVVLKVGVFELTPVMKYEKRNTNSFLICSVLSVYPRPIITWKMDNTPISENMEET
GSLDSFSINSPLNITGSNSSYECTIENSLLKQTWTGRWTMKDGLHKMQSEHVSLS
CQPVNDYFSPNQDFKVTWSRMKSGTFSVLAYYLSSQNTIINESRFSWNKELINQ
SDFSMNLMDLNLSDSGEYLCNISSDEYTLTITHTVHVEPSQETASHNIEGRMDPK
SCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMI SRTPEVTCVVVDVSHEDPEV
KFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKAL
PAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSQSVMHEALHNHYTQ
KSLSLSPGKGGLNDIFEAQKIEWHE

Black: B7-H7 (23-344)

Green: linker

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

Blue: Avi-tag

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