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Data Sheet

B7-H2 (CD275, ICOSL), Fc fusion HiP™

Human, recombinant, Fc fusion protein
Catalog #: 71130
Lot #: 140603-D **Conc.:** 0.83 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 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 ≥ 100 µg/ml in PBS + glycerol and remain stable for 6 months at -80°C.*

References:

1. Guillonneau, C., *et al., Transplantation.* 2005; **80(4):** 546-554.
2. Fan, X., *et al., J. Exp. Med.* 2014; **211(4):** 715-725.

Description:
Human secreted B7 homolog 2 (B7-H2)-Fc fusion protein, also known as CD275, ICOSL, ICOSLG, and B7-related protein (B7RP), GenBank Accession No. NM_001283050, a.a 19-258 fused to human IgG1 Fc region (a.a. 100-330) and expressed in a HEK293 cell expression system. MW = 54 kDa (monomer). This protein runs at a higher MW by SDS-PAGE due to glycosylation.

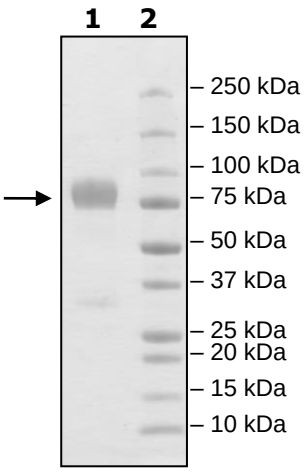
Application:
Useful for the study ofprotein binding interactions, screening inhibitors, and selectivity profiling.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3µg B7H2
Lane 2:
Protein Marker

MW:54 kDa
Purity: ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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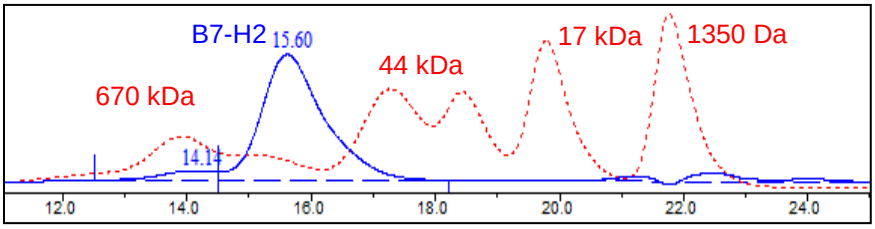
Gel Filtration Curve



<10 % Aggregation

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