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Data Sheet

B7-1 (CD80) (Mouse), Fc fusion (Human), Avi-Tag

Mouse, Recombinant, Fc fusion protein, C-terminal Avi-Tag
Catalog #: 79058
Lot #: 170524 **Conc.:** 1.68 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 ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

References:

1. Byrum, J.N., Van Komen, J.S., Rodgers, W., *J. Immunol.* 2013 Sep 15;**191(6):**3073-3081.
2. Legat, A., *et al., Front Immunol.* 2013 Dec 19;**4:**455.

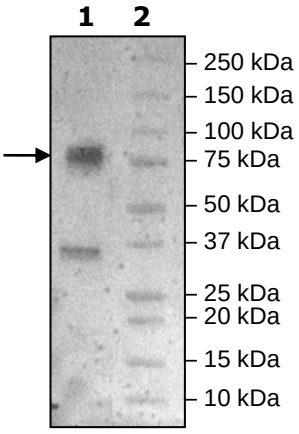
Description: Mouse secreted B7-1-Fc fusion protein, also known as CD80, with C-terminal Avi-tag fused at the C-terminus to the Fc region of Human IgG1. GenBank Accession No. NM_009855, a.a 38-246 expressed in a HEK293 cell expression system. MW = 52 kDa. This protein runs at a higher M.W. by SDS-PAGE due to glycosylation.

Application: Useful as a positive control for western blot studies.

Quality Assurance

Western Blot

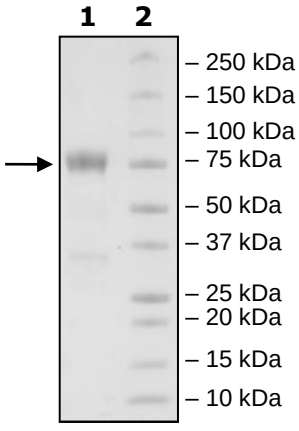
Lane 1: B7-1
Lane 2: Protein Marker



4-20% SDS-PAGE Coomassie staining

Lane 1: 3µg B7-1
Lane 2: Protein Marker

MW: 52 kDa+glycans
Purity: ≥87%



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