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Data Sheet

CD58, Fc fusion, Biotin-labeled

Human, recombinant, Fc fusion protein with C-terminal Avi-tag™
Catalog #: 71269
Lot #: 160428 **Conc.:** 0.87 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:

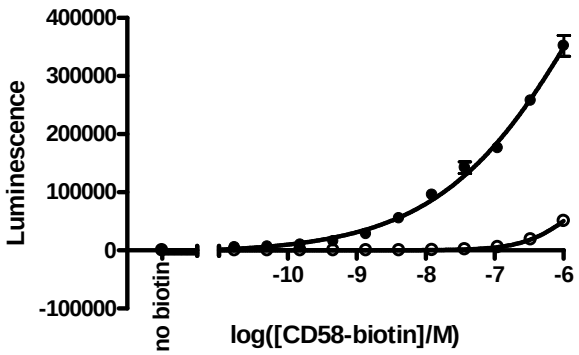
1. Wang, J., *et al., Cell.* 1999 Jun; **97(6):**791-803.
2. Raychaudhuri, S., *et al., Nature.* 2009 Nov ;**41:**1313-1318.

Description:
Human secreted CD58-Fc fusion protein, also known as LFA-3, GenBank Accession No. NM_001779, a.a. 29-215, fused at the C-terminus to the Fc portion of human IgG1, with C-terminal Avi-tag, expressed in a HEK293 cell expression system and enzymatically biotin-labeled using Avi-tag technology. MW = 50 kDa (monomer). This protein runs at a higher M.W. by SDS-PAGE due to glycosylation.

Application:
Useful for the study of protein-protein interaction and in vitro and in vivo protein function studies.

Quality Assurance

CD2: CD58-Biotin Binding Assay

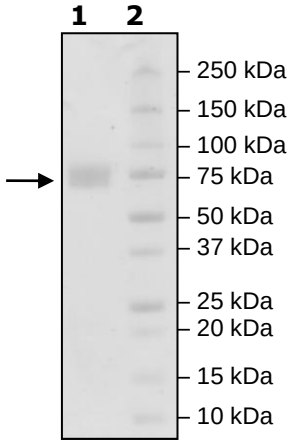


- no coat
- 100 ng/well CD2

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg CD58
Lane 2:
Protein Marker

MW: 50 kDa+glycans
Purity: ≥90%



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

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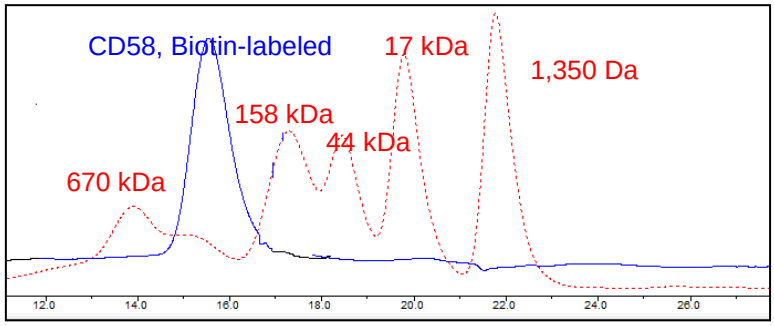
Gel Filtration Curve



<10% Aggregation

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