6042 Cornerstone Court W, Ste B
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

CD2, Fc fusion, Biotin-labeled

Human, Recombinant, Fc fusion protein with C-terminal Avi-tag™
Catalog #: 71270
Lot #: 160421 **Conc.:** 2.09 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:

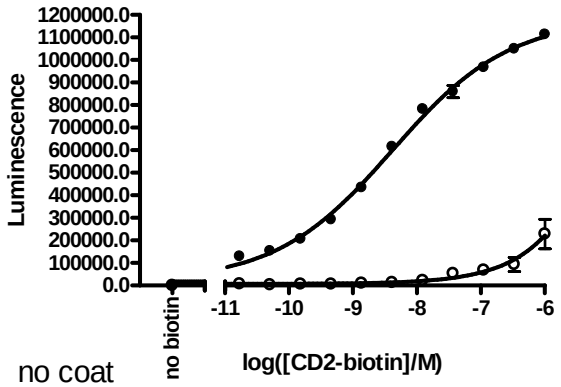
1. Seed, B., *et al., Nature.* 1987 Oct; **329:** 840-842.
2. Seed, B., *et al., PNAS.* 1987 May; **84:** 3365-3369.

Description:
Human secreted CD2-Fc fusion protein, also known as LFA-2, GenBank Accession No. NM_001767, a.a. 25-209, 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

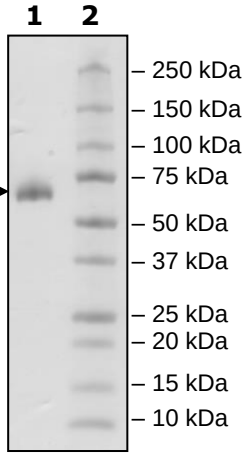
CD58: CD2-Biotin Binding Assay



- no coat
- 100 ng/well CD58

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg CD2
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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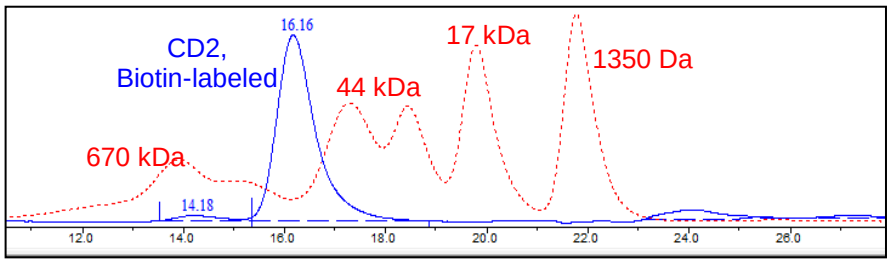
Gel Filtration Curve



<10% Aggregation

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