Data Sheet

CD47, Fc fusion, Biotin-labeled

Human, Recombinant, Fc fusion, C-Terminal Avi-tag
Catalog #: 71169
Lot #: 150618 **Conc.:** 1.16 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. Vernon-Wilson, E.F., *et al., Eur. J. Immunol.* 2000; **30(8):** 2130-2137.
2. Majeti, R. *et al., Cell.* 2009; **138(2):** 286-299.

Description:
Human CD47, also known as leukocyte surface antigen CD47, Rh-related antigen, integrin-associated protein (IAP), antigenic surface determinant protein OA3, and MER6. GenBank Accession No. NM_001777, a.a. 19-139 fused at the C-terminus to the Fc portion of human IgG1 and C-terminal Avi-tag expressed in a HEK293 cell expression system and enzymatically biotin-labeled using Avi-tag™ technology. MW = 42.2 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

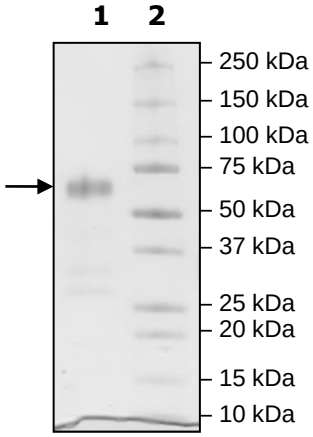
Application:
Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

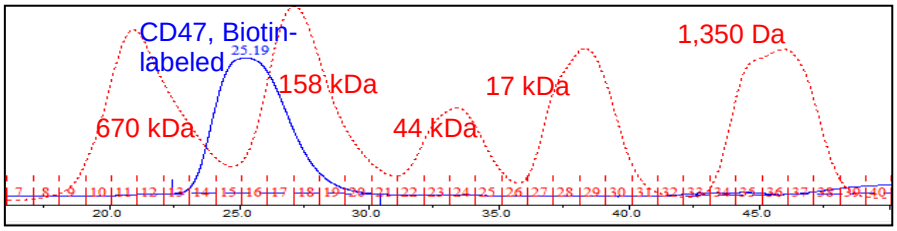
4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg CD47
Lane 2:
Protein Markers

MW:42.2 kDa+glycans
Purity: ≥90%



Gel Filtration Curve



This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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