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Data Sheet

CD111, Fc-Fusion, Avi-Tag

Human, Recombinant, C-terminal Fc-Avi-Tag,
Catalog #: 77001
Lot#: 170920 **Conc.:** 1.63 mg/ml

Formulated in: 8 mM Phosphate, pH 7.4, 400 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.*

Description:
Human CD111, known as Poliovirus receptor-related 1, and nectin-1, GenBank Accession No. NM_002855, a.a. 31-355, with C-terminal Avi-Tag fused to the Fc portion of Human IgG1 and expressed in a HEK293 cell expression system. This protein runs at a higher MW by SDS-PAGE due to glycosylation. MW = 65 kDa.

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

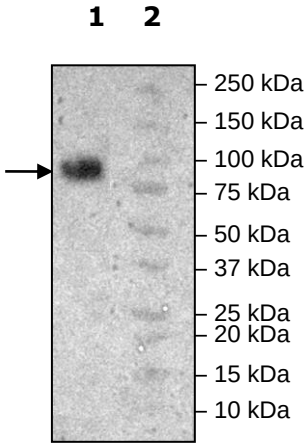
References:

1. Bustos, T., et al., Am. J. Med. Genet. 1992; 41(4): 398-404.
2. Lopez, M., et al., Gene. 1995; 155(2):261-5.

Quality Assurance

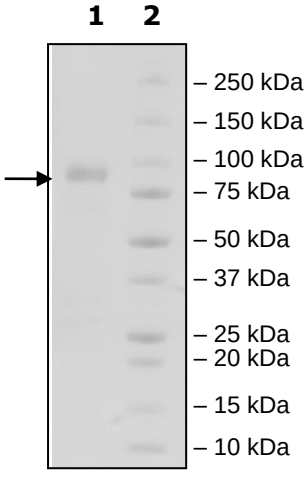
Western Blot

Lane 1: CD111
Lane 2: Protein Marker
MW: 65 kDa + glycans



4-20% SDS-PAGE Coomassie staining

Lane 1: 3µg CD111
Lane 2: Protein Marker
MW: 65 kDa + glycans
Purity: ≥81%



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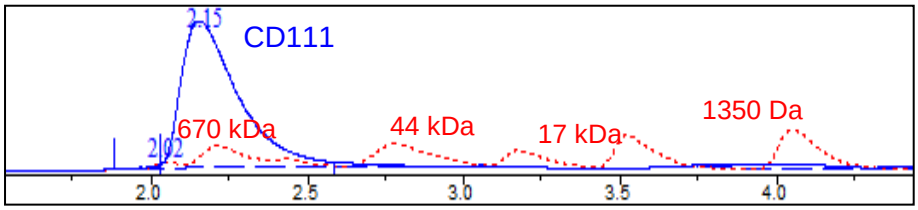
Gel Filtration Curve



<10% Aggregation

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