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Data Sheet

CD160, His-tag, Biotin-labeled

Human, recombinant, His-tag, biotin labeled
Catalog #: 71135
Lot #: 150317 **Conc.:** 0.86 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. Cai, G., *et al., Nat. Immunol.* 2008; **9:** *Immunol.* 2008; **9:** 176-185.
2. Le Bouteiller, P. *et al., Proc. Nat. Acad. Sci.* USA 2002; **99(26):** 16963- 16968.

Description:
Human CD160, also known as Natural killer cell receptor BY55, GenBank Accession No. NM_007053, a.a. 27-159 expressed in a HEK293 cell expression system, with a C-terminal His-tag and enzymatically biotin-labeled using Avi-tag™ technology. MW = 17.5 kDa. This protein runs at a higher MW by SDS-PAGE due to glycosylation.

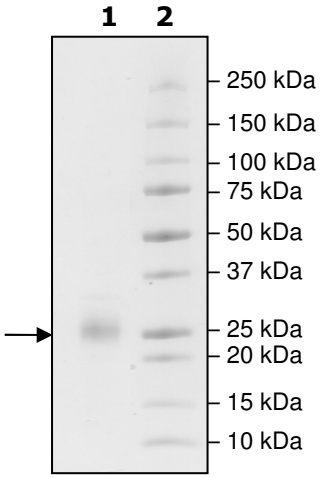
Application:
Useful for the study of protein-protein interaction and in vitro and in vivo protein function studies.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 µg CD160
Lane 2:
Protein Marker

MW: 17.5 kDa + glycans
Purity: ≥90%



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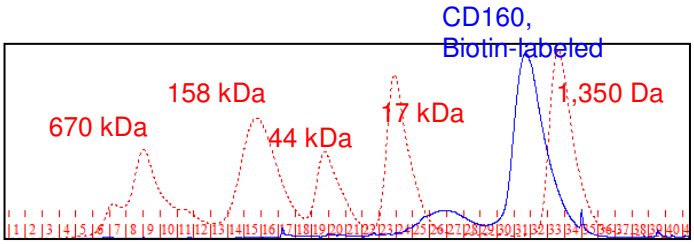
Gel Filtration Curve



<10% aggregation

Note: CD160 binds to the column and runs at a lower apparent MW by FPLC

Sequence

INITSSASQEGTRLNLICTVWHKKEEAEGFVVFLCKDRSGDCSPETSLKQLRLKRDPGI DGVGEISSQLMFTISQVTPLHSGTYQCCARSQKSGIRLQGHFFSILFTETGNYTVTGLK QRQHLEFSHNEGTLSHHHHHHGGGLNDIFEAQKIEWHE

Black: CD160 (a.a. 27-159)
Purple: 6x His
Blue: Avi

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