Fc (human):Dectin-2 (mouse), (recombinant)

Dectin-2 (dendritic cell-associated C-type lectin-2) is a lectin that has been reported to bind to zymosan as well as to hyphae of organisms such as *Candida albicans*. Dectin-2 exhibits specific recognition of high-mannose structures. Activation of Dectin-2 leads to phosphorylation of FcRg and up-regulated secretion of TNF-α and IL-1ra. Dectin-2 might act on inflammatory macrophages and DC to detect pathogenic organisms and possibly endogenous glycoproteins.

Ordering Information

Order Online »

ALX-522-126-C050	50µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Dendritic cell-associated lectin 2
Concentration	1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/µg purified protein (LAL test; Associates of CAPE COD Inc.).
Formulation	Lyophilized. Contains PBS.
MW	~55kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute with 50µl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum.
Source	Produced in HEK 293 cells. The extracellular domain of dectin-2 (aa 44-209) is fused at the N-terminus to the Fc portion of human IgG1.
UniProt ID	Q9JKF4

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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