

Recombinant Mouse C-type Lectin Domain Family 4, Member N, Fc Chimera

Cat. No. Clec4n-2122M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Clec4n was produced in <i>HEK 293 cells</i> . The extracellular domain of dectin-2 (aa 44-209) is fused at the N-terminus to the Fc portion of human IgG1. MW = ~55kDa (SDS-PAGE).
Species	Mouse
Source	HEK293
Protein Length	44-209 a.a.
Description	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 <i>Candida albicans</i> . Dectin-2 exhibits specific recognition of high-mannose structures. Activation of Dectin-2 leads to phosphorylation of FcRγ and up-regulated secretion of TNFα and IL-1ra. Dectin-2 might act on inflammatory macrophages and DC to detect pathogenic organisms and possibly endogenous glycoproteins.
Purity	≥95% (SDS-PAGE).
Concentration	1mg/ml after reconstitution.
Formulation	Lyophilized. Contains PBS.
Reconstitution	Reconstitute with 50μl sterile water. Further dilutions should be made with medium

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containing 5% fetal calf serum.

Endotoxin Content <0.1EU/g purified protein (LAL test; Bio Whittaker).

Stability Stable for at least 6 months after receipt when stored at -20°C.

GENE INFORMATION

Gene Name Clec4n C-type lectin domain family 4, member n [*Mus musculus*]

Synonyms Clec4n; C-type lectin domain family 4, member n; Nkcl; Clec6a; Clecsf10; C-type lectin domain family 6 member A; dectin-2; DC-associated C-type lectin 2; natural killer complex lectin; C-type lectin superfamily member 10; dendritic cell-associated C-type lectin 2; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 10

Gene ID 56620

mRNA Refseq NM_020001

Protein Refseq NP_064385

UniProt ID Q9JKF4

Chromosome Location 6 F3; 6 55.0 cM

Function Binding; sugar binding

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