

Recombinant Mouse Cd207 Protein, Myc/DDK-tagged

Cat. No. Cd207-2055M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CD207 antigen (Cd207), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium-dependent lectin displaying mannose-binding specificity. Induces the formation of Birbeck granules (BGs); is a potent regulator of membrane superimposition and zippering. Binds to sulfated as well as mannosylated glycans, keratan sulfate (KS) and beta-glucans. Facilitates uptake of antigens and is involved in the routing and/or processing of antigen for presentation to T cells.
Molecular Mass	38.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cd207 CD207 antigen [Mus musculus (house mouse)]
Official Symbol	Cd207
Synonyms	Cd207; CD207 antigen; La; C-type lectin domain family 4 member K; Langerhans cell specific c-type lectin; langerin
Gene ID	246278
mRNA Refseq	NM_144943
Protein Refseq	NP_659192
UniProt ID	Q8VBX4

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