Recombinant Mouse CD207 Protein (63-331 aa), His-tagged

Cat. No. CD207-2336M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD207 Protein (63-331 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	63-331 aa
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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	34.7 kDa
AA Sequence	QAVFYPRLMGKILDVKSDAQMLKGRVDNISTLGSDLKTERGRVDDAEVQMQIVNTTL KRVRSQILSLETSMKIANDQLQILTMSWGEVDSLSAKIPELKRDLDKASALNTKVQGL QNSLENVNKLLKQQSDILEMVARGWKYFSGNFYYFSRTPKTWYSAEQFCISRKAHL TSVSSESEQKFLYKAADGIPHWIGLTKAGSEGDWYWVDQTSFNKEQSRRFWIPGEP NNAGNNEHCANIRVSALKCWNDGPCDNTFLFICKRPYVQTTE

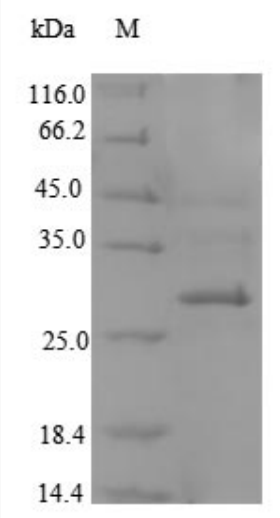
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Cd207 CD207 antigen [Mus musculus]
Official Symbol	CD207
Synonyms	CD207; CD207 antigen; C-type lectin domain family 4 member K; langerin;
Gene ID	246278
mRNA Refseq	NM_144943
Protein Refseq	NP_659192
UniProt ID	Q8VBX4

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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