9051 Mira Mesa Blvd, #910094
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CD207 Human, sf9

CD207 Human Recombinant, sf9
CDA0031

Product Overview

Name	CD207 Human, sf9
Description	
CD207 Human Recombinant, sf9	
Accession (Primary)	Q9UJ71
Synonyms	
C-type lectin domain family 4 member K, Langerin, CD207, CD207 Molecule, CD207 Molecule, Langerin, CD207 Antigen, Langerin, CLEC4K, Langerhans Cell Specific C-Type Lectin, Langerin.	
Introduction	
CD207 (C-type lectin domain family 4 member K) is expressed in Langerhans cells which are immature dendritic cells of the epidermis and mucosa. Moreover, CD207 is expressed in several other dendritic cell types including dermal CD103+ DCs and splenic CD8+ DCs. Langerin is localized in the Birbeck granules, the organelles present in the cytoplasm of Langerhans cells and comprised of superimposed and zippered membranes. CD207 is a C-type lectin with mannose binding specificity, and it has been suggested that mannose binding by the CD207 protein leads to internalization of antigen into Birbeck granules thus providing access to a nonclassical antigen-processing pathway.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CD207 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP PRFMGTI SDVKTNVQLL KGRVDNISTL DSEIKKNSDG MEAAGVQIQM VNESLGYVRS QFLKLKTSVE KANAQIQILT RSWEEVSTLN AQIPELKSDL EKASALNTKI RALQGSLENM SKLLKRQNDI LQVVSQGWKY	

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FKGNFYYFSL IPKTWYSAEQ FCVSRNSHLT SVTSESEQEF LYKTAGGLIY WIGLTKAGME GDWSWVDDTP FNKVQSARFW IPGEPNNAGN NEHCGNIKAP SLQAWNDAPC DKTFLFICKR PYVPSEP HHH HHH.

Precautions

CD207 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UJ71)