

CD207 (Human) Recombinant Protein

Catalog # P9352

Size 2 x 10 ug

Specification

Product Description	Human CD207 partial recombinant protein with His tag in C-terminus expressed in <i>Escherichia coli</i> .
Sequence	ADPPRFMGTISDVKTNVQLLKGRVDNISTLDSEIKKNSDGMEAAGVQIQMVNESLGYVRSQFLKLLK TSVEKANAQIQILTRSWEEVSTLNAQIPELKSDLEKASALNTKIRALQGSLENMSKLLKRQNDILQV VSQGWKYFKGNFYFSLIPKTWYSAEQFCVSRNSHLTSVTSESEQEFLYKTAGGLIYWIGLTKAGM EGDWSWVDDTPFNKVQSARFWIPGEPNAGNNEHCGNIKAPSLQAWNDAPCDKTLFICKRPY VPSEPHHHHHH
Host	Viruses
Theoretical MW (kDa)	30.9
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (1 mg/mL) containing 1X PBS, pH 7.4, 10% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — CD207

Entrez GeneID

[50489](#)

Protein Accession#	Q9UJ71
Gene Name	CD207
Gene Alias	CLEC4K
Gene Description	CD207 molecule, langerin
Omim ID	604862
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is expressed only in Langerhans cells which are immature dendritic cells of the epidermis and mucosa. It is localized in the Birbeck granules, organelles present in the cytoplasm of Langerhans cells and consisting of superimposed and zippered membranes. It is a C-type lectin with mannose binding specificity, and it has been proposed that mannose binding by this protein leads to internalization of antigen into Birbeck granules and providing access to a nonclassical antigen-processing pathway. [provided by RefSeq]
Other Designations	C-type lectin domain family 4, member K CD207 antigen, langerin Langerhans cell specific c-type lectin