

Proteoliposomes

Full-Length

CD207 (Human) Recombinant Protein

Catalog # H00050489-G01

Size 10 ug

Specification

Product Description	Human CD207 full-length ORF (AAH22278.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MTVEKEAPDAHFTVDKQNISLWPREPPPKSGPSLVPGKTPTVRAALICLTLVLVASVLLQAVLYPR FMGTISDVKTNVQLLKGRVDNISTLDSEIKKNSDGMEAAGVQIQMVNESLGYVRSQFLKLKTSVEK ANAQIQLTRSWEEVSTLNAQIPELKS DLEKASALNTKIRALQGSLENMSKLLKRQNDILQVVSQGW KYFKGNFYFSLIPK TWYSAEQFCVSRNSHLTSVTSESEQEFLYKTAGGLYWIGLTKAGMEGDWS WVDDTPFNKVQSARFWIPGEPN NAGNNEHCGNIKAPSLQAWNDAPCDKTLFICKRPYVPSEP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.7
Interspecies Antigen Sequence	Mouse (67); Rat (64)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CD207

Entrez GeneID [50489](#)**GeneBank Accession#** [BC022278.1](#)**Protein Accession#** [AAH22278.1](#)**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