

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CD207, 65-328aa, Human, His tag, E.coli

产品货号: TP01490

第三版

别名:C-type lectin domain family 4 member K, CLEC4K.

**描述:**CD207 also known as C-type lectin domain family 4 member K. is expressed in Langerhans cells which are immature dendritic cells of the epidermis and mucosa. Additionally it is known by the name C-type lectin domain family 4 member K (CD antigen CD207). It is also expressed in several other dendritic cell types including dermal CD103+ DCs and splenic CD8+ DCs. Langerin 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. Recombinant human CD207, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris 8.0 containing 10% glycerol

**分子量:**32.2kDa (287aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSPRFMGTISDVKTNVQLLKGRVDNISTLDSEIKKNSDGMEAAGVQIQMVNESLGYV  
RSQFLKTKTSVEKANAQIQILTRSWEEVSTLNAQIPELKSLEKASALNTKIRALQGSLENMSKLLKRQNDILQVVSQGWKY  
FKGNFYFSLIPKTWYSAEQFCVSRNSHLTSTSESEQFLYKTAGGLIYWIGLTKAGMEGDWSWVDDTPFNKVQSARFWI  
PGEPNNAGNNEHCGNIKAPSLQAWNDAPCDKTFICKRPYPSEP

**纯度:**> 95% by HPLC

**浓度:**1mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.