

CD207 抗原（重组蛋白）

中文名称： CD207 抗原（重组蛋白）

英文名称： CD207 Antigen (Recombinant Protein)

别名： CLEC4K

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 65-328 amino acids of human CD207

技术规格

Full name:	CD207 molecule
Synonyms:	CLEC4K
Swissprot:	Q9UJ71
Gene Accession:	BC022278
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. Mutations in this gene result in Birbeck granules deficiency or loss of sugar binding activity.