

KLK7 抗原（重组蛋白）

中文名称： KLK7 抗原（重组蛋白）

英文名称： KLK7 Antigen (Recombinant Protein)

别 名： hK7, SCCE, PRSS6

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 30-253 amino acids of human KLK7

技术规格

Full name:	kallikrein-related peptidase 7
Synonyms:	hK7, SCCE, PRSS6
Swissprot:	P49862
Gene Accession:	BC032005
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the kallikrein subfamily of serine proteases. These enzymes have diverse physiological functions and many kallikrein genes are biomarkers for cancer. The encoded protein has chymotrypsin-like activity and plays a role in the proteolysis of intercellular cohesive structures that precedes desquamation, the shedding of the outermost layer of the epidermis. The encoded protein may play a role in cancer invasion and metastasis, and increased expression of this gene is associated with unfavorable prognosis and progression of several types of cancer. Polymorphisms in this gene may play a role in the development of atopic dermatitis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene

, which is one of fifteen kallikrein subfamily members located in a gene cluster on chromosome 19.