

SERPINB5 抗原（重组蛋白）

中文名称： SERPINB5 抗原（重组蛋白）

英文名称： SERPINB5 Antigen (Recombinant Protein)

别名： PI5, maspin

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-231 amino acids of human SERPINB5

技术规格

Full name:	serpin peptidase inhibitor, clade B (ovalbumin), member 5
Synonyms:	PI5, maspin
Swissprot:	P36952
Gene Accession:	BC020713
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Maspin (mammary serine protease inhibitor) also known as serpin B5 is a protein that in humans is encoded by the SERPINB5 gene.[1] This protein belongs to the serpin (serine protease inhibitor) superfamily.[1] SERPINB5 also functions as a tumor suppressor gene in epithelial cells. The expressed protein suppresses the ability of cancer cells to invade and metastasize other tissues. The protein also functions as an angiogenesis inhibitor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteri

stic of active serpins, it exhibits no serine protease inhibitory activity.