

## PCMT1 抗原（重组蛋白）

中文名称： PCMT1 抗原（重组蛋白）

英文名称： PCMT1 Antigen (Recombinant Protein)

别 名： protein-L-isoaspartate (D-aspartate) O-methyltransferase; PIMT

储 存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 1-227 amino acids of human PCMT1

### 技术规格

<b>Full name:</b>	protein-L-isoaspartate (D-aspartate) O-methyltransferase
<b>Synonyms:</b>	PIMT
<b>Swissprot:</b>	P22061
<b>Gene Accession:</b>	BC007501
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a member of the type II class of protein carbonyl methyltransferase enzymes. The encoded enzyme plays a role in protein repair by recognizing and converting D-aspartyl and L-isoaspartyl residues resulting from spontaneous deamidation back to the normal L-aspartyl form. The encoded protein may play a protective role in the pathogenesis of Alzheimer's disease, and single nucleotide polymorphisms in this gene have been associated with spina bifida and premature ovarian failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]