

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

Full name:	protein-L-isoaspartate (D-aspartate) O-methyltransferase
Synonyms:	PIMT
Swissprot:	P22061
Gene Accession:	BC007501
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 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 w

ith spina bifida and premature ovarian failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]