

PRMT7 抗原（重组蛋白）

中文名称： PRMT7 抗原（重组蛋白）

英文名称： PRMT7 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 526-692 amino acids of human PRMT7

技术规格

Full name:	Protein arginine methyltransferase 7
Swissprot:	Q9NVM4
Gene Accession:	BC000146
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Protein arginine methyltransferase 7 is a protein that in humans is encoded by the PRMT7 gene. Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor. Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing. May be involved in etoposide-induced cytotoxicity, a chemotherapeutic agent frequently used for testicular cancer and small-cell lung cancer that can cause cytotoxicity in the treatment of other

cancers. Down-regulation confers increased sensitivity to the Top1 inhibitor camptothecin (CPT).