

Recombinant Human PRMT7

Catalog No: #GP10715



Package Size: #GP10715-1 100ug

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Description

Product Name	Recombinant Human PRMT7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 526-692 amino acids of human protein arginine methyltransferase 7
Target Name	Protein arginine methyltransferase 7
Accession No.	Swissprot:Q9NVM4Gene Accession:BC000146
Uniprot	Q9NVM4
GeneID	54496;
Storage	-20~-80°C, pH 7.6 PBS

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).

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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