Recombinant Full Length Human PRMT7 Protein, GST tagged

Cat. No. PRMT7-13HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human PRMT7 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	PRMT7 belongs to the protein arginine methyl-transferases family. Protein arginine methyltransferase 7 (PRMT7) is a member of a family of enzymes that catalyze the transfer of methyl groups from S-adenosyl-l-methionine to nitrogen atoms on arginine residues. Arginine methylation is involved in multiple biological processes, such as signal transduction, mRNA splicing, transcriptional control, DNA repair, and protein translocation. PRMT7 encodes for an arginine methyltransferase that methylates arginine residues on various protein substrates and has been shown to play a role in various developmental processes. Mutations in PRMT7 have been recently shown to be implicated in a phenotype with intellectual disability, short stature and brachydactyly, and considered to be a phenocopy of pseudohypoparathyroidism.
Molecular Mass	110 kDa
Purity	> 90%
Application	WB
Stability	One year at -70 centigrade from date of shipment.

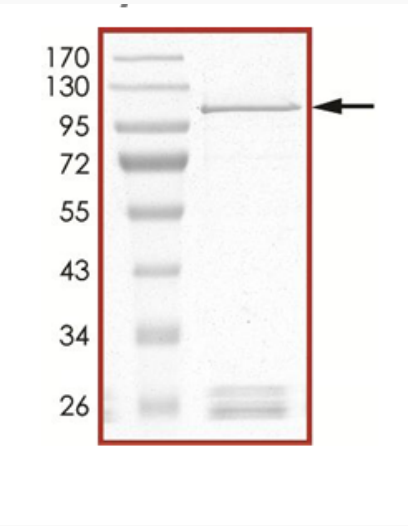
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Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Storage Buffer	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.05 μg/μL
Shipping	Dry ice

GENE INFORMATION

Gene ID	54496
Gene Name	PRMT7 protein arginine methyltransferase 7 [Homo sapiens (human)]
Official Symbol	54496
Synonyms	PRMT7; protein arginine methyltransferase 7; protein arginine N-methyltransferase 7; FLJ10640; KIAA1933; histone-arginine N-methyltransferase PRMT7; myelin basic protein-arginine N-methyltransferase; [Myelin basic protein]-arginine N-methyltransferase PRMT7;
mRNA Refseq	NM_001184824
Official Symbol 2	PRMT7
Gene ID 2	54496
Gene Name 2	PRMT7 protein arginine methyltransferase 7 [Homo sapiens (human)]

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mRNA Refseq 2	NM_001184824
Protein Refseq 2	NP_001171753
MIM 2	610087
UniProt ID 2	Q9NVM4
Purity	 The purity of PRMT7 was determined to be >90% by densitometry. Approx. MW 110 kDa.

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