

## Recombinant Human PRMT3 Protein, GST-tagged

Cat. No. PRMT3-097H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active recombinant N-terminal GST-tagged human PRMT3 protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	86.6 kDa
<b>Purity</b>	≥90%
<b>Stability</b>	≥ 6 months
<b>Storage</b>	At -80 centigrade.
<b>Storage Buffer</b>	50 mM Tris-HCl, pH 8.0, containing 150 mM sodium chloride and 20% glycerol

### GENE INFORMATION

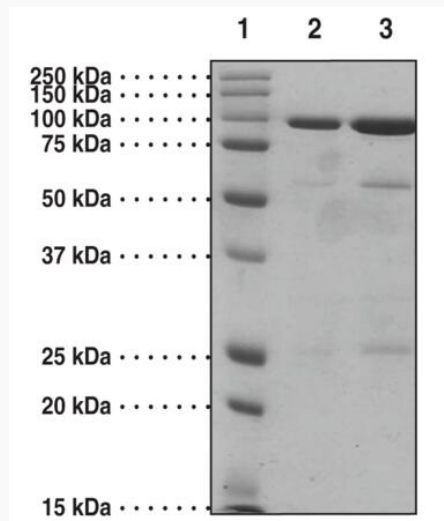
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<b>Gene Name</b>	PRMT3 protein arginine methyltransferase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PRMT3
<b>Synonyms</b>	PRMT3; protein arginine methyltransferase 3; HRMT1L3; protein arginine N-methyltransferase 3; HMT1 hnRNP methyltransferase-like 3; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3
<b>Gene ID</b>	10196
<b>mRNA Refseq</b>	NM_005788
<b>Protein Refseq</b>	NP_005779
<b>MIM</b>	603190
<b>UniProt ID</b>	O60678

**SDS-PAGE analysis  
of PRMT3**



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Lane 1: MW Markers

Lane 2: PRMT3 (2.5 µg)

Lane 3: PRMT3 (5 µg)

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