

## Recombinant Human PRMT5 protein, GST-tagged

**Cat. No.** PRMT5-1969H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PRMT5 protein(283-637 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 283-637 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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**AA Sequence**

YLEYLSQNRPPPNAYELFAKGYEDYLQSPLQPLMDNLESQTYEVFEKDPIKYSQYQ  
 QAIYKCLLDREVPEEEKDTNVQVLMVLGAGRGPLVNASLRAAKQADRRRIKLYAVEKNP  
 NAVVTLENWQFEEWGSQVTVVSSDMREWWAPEKADIIVSELLGSFADNELSPECLD  
 GAQHFLKDDGVSIPGEYTSFLAPISSSKLYNEVRACREKDRDPEAQFEMPYVVRHLN  
 FHQLSAPQPCFTFSHPNRDPMIDNNRYCTLEFPVEVNTVLHGFAGYFETVLYQDITL  
 SIRPETHSPGMFSWFPILFPIKQPITVREGQTICVRFWRCSNSKKVWYEWAVTAPVC  
 SAIHNPTGRSYTIGL

**GENE INFORMATION**
**Gene Name**

PRMT5 protein arginine methyltransferase 5 [ Homo sapiens ]

**Official Symbol**

PRMT5

**Synonyms**

PRMT5; protein arginine methyltransferase 5; HRMT1L5, SKB1, skb1 (S. pombe) homolog , SKB1 homolog (S. pombe); protein arginine N-methyltransferase 5; SKB1Hs; SKB1 homolog; jak-binding protein 1; 72 kDa ICln-binding protein; HMT1 hnRNP methyltransferase-like 5; shk1 kinase-binding protein 1 homolog; histone-arginine N-methyltransferase PRMT5; JBP1; SKB1; IBP72; HRMT1L5;

**Gene ID**

10419

**mRNA Refseq**

NM\_001039619

**Protein Refseq**

NP\_001034708

**MIM**

604045

**UniProt ID**

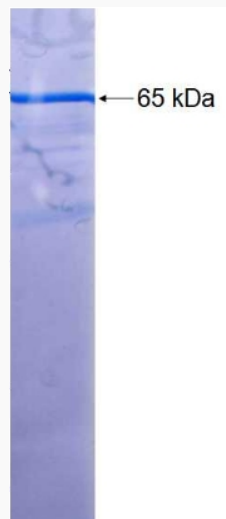
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## SDS-PAGE



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