

Recombinant Human PRMT5 protein, GST-tagged

Cat. No. PRMT5-301624H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human PRMT5 (283-637 aa) protein, fused to GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Tyr283-Leu637 |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| AA Sequence | YLEYLSQNRPPPNAYELFAKGYEDYLQSPQLPLMDNLESQTYEVFEKDPIKYSQYQ QAIYKCLLDRVPEEEKDTNVQVLMVLGAGRGPLVNASLRAAKQADRRIKLYAVEKNP NAVVTLENWQFEEWGSQVTVVSSDMREWVAPEKADIIVSELLGSFADNELSPECLD GAQHFLKDDGVSIPGEYTSFLAPISSSKLYNEVRACREKDRDPEAQFEMPYVRLHN FHQLSAPQPCFTFSHPNRDPMIDNNRYCTLEFPVEVNTVLHGFAGYFETVLYQDITL SIRPETHSPGMFSWFPILFPIKQPITVREGQTICVRFWRCSNSKKVWYEWAVTAPVC SAIHNPGRSYTIGL |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Stability | Store for up to 12 months at -20°C to -80°C as lyophilized powder. |

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Storage

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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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 [O14744](#)

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