

## Recombinant Human PRMT3 protein, T7/His-tagged

**Cat. No.** PRMT3-119H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human PRMT3 cDNA (465aa, derived from BC001878, isoform 1) fused with T7/His/TEV cleavage site 29aa Tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 465 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MASMTGGQQMGRGHHHHHHGNLYFQG^GEFCSLASGATGGRGAVENEEDLPELS<br/> DSGDEAAWEDEDDADLPHGKQ QTPCLFCNRLFTSAEETFSHCKSEHQFNIDSMVH<br/> KHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPVPWEKEEYL KPVLEDDLLLQFDVEDL<br/> YEPVSVPFSSYPNGLSENTSVVEKCLKHMEARALSAEAALARAREDLQKMKQFAQDFV<br/> MH TDVRTCSSSTSVIADLQEDEDGVYFSSYGHYGIHEEMLKDKIRTESYRDFIYQNP<br/> HIFKDKVLDVGC GTGILSM FAAKAGAKKVLGVDQSEILYQAMDIIRLNKLEDITITLIK<br/> GKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVLY AKNKYLAKGGSVYPDICTISLV<br/> AVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEAVVEVLDPKTLISEPCGIKH IDCH<br/> TTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPGQSTKTHWKQT<br/> VFLLEKPFSSVKAG EALKGKVTVHKNKKDPRSLTVTLTLNNSTQTYGLQ</p> |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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**Applications**

1. May be used for in vitro human PRMT3 functional regulations using protein mediated intracellular delivery study. 2. May be used for specific substrate protein for kinase and ubiquitin related enzyme functional screening assays. 3. May be used as antigen for specific antibody production.

**Storage**

Keep at -20°C for long term storage. Product is stable at 4 °C for at least 30 days.

## GENE INFORMATION

**Gene Name** PRMT3 protein arginine methyltransferase 3 [ Homo sapiens ]

**Official Symbol** PRMT3

**Synonyms** PRMT3; protein arginine methyltransferase 3; HMT1 hnRNP methyltransferase like 3 (S. cerevisiae) , HRMT1L3

**Gene ID** 10196

**mRNA Refseq** NM\_001145166

**Protein Refseq** NP\_001138638

**MIM** 603190

**UniProt ID** O60678

**Chromosome Location** 11p15.1

**Function** metal ion binding; protein-arginine N-methyltransferase activity; protein-arginine omega-N asymmetric methyltransferase activity; transferase activity; zinc ion binding;

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