

Recombinant Human PRMT3 protein, T7/His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	465 a.a.
Form	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.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQG^GEFCSLASGATGGRGAVENEEDLPELS DSGDEAAWEDEDDADLPHGKQ QTPCLFCNRLFTSAEETFSHCKSEHQFNIDSMVH KHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPVPWEKEEYL KPVLEDDLLLQFDVEDL YEPVSVPFSSYPNGLSENTSVVEKCLKHMEARALSAEAALARAREDLQKMKQFAQDFV MH TDVRTCSSSTSVIADLQEDEDGVYFSSYGHYGIHEEMLKDKIRTESYRDFIYQNP HIFKDKVLDVGC GTGILSM FAAKAGAKKVLGVDQSEILYQAMDIIRLNKLEDITITLIK GKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVLY AKNKYLAKGGSVYPDICTISLV AVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEAVVEVLDPKTLISEPCGIKH IDCH TTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPGQSTKTHWKQT VFLLEKPFSSVKAG EALKGKVTVHKNKKDPRSLTVTLTLNNSTQTYGLQ
Purity	>90% by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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