

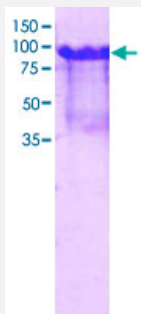
Bioactive

Full-Length

Prmt1 (Mouse) Recombinant Protein

Catalog # P4330 Size 100 ug

Applications



Specification

Product Description

Mouse Prmt1 (AAF37293, 1 a.a. - 353 a.a.) full-length recombinant protein with His-MBP tag expressed in *Escherichia coli*.

Sequence

MHHHHHMKIEEGKLVWINGDKGYNGLAIEVGKKFEKDTGKVTVEHPDKLEEKFPQVAATGDGP
DIIFWAHDRFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLYNKDLLPNP
PKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIADGGYAFKYENGYDIKDVGVNDAGAKA
GLTFLVDLIKHKHMNADTDYSIAEAFNKGETAMTINGPWAWSNIDTSKVNYGVTLPFTKGQPSK
PFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYYEELAKDPRIAATME
NAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNNNNNNNLGIEGRG
SHMAAAEAANCIMEVSCGQAESSEKPNEDMTSKDYFDSYAHFGIHEEMLKDEVRTLTYRNSM
FHNRLHFKDKVVLDVSGTGILCMFAAKAGARKVIGIECSSISDYAVKIVKANKLDHVVTIIGKVEE
VELPVEKVDIISEWMGYCLFYESMLNTVLHARDKWLAPDGLIFPDRLTYVTAIEDRQYKDYKIH
WENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNACLIEVDIYTKVEDLTFTSPFCLQVKRNDYV
HALVAYFNIEFTRCHKRTGFSTSPESPYTHWKQTVFYMEDYLTVKTGEEIFGTIGMRPNAKNNRDL
DFTIDLDFKGGQLCELSCSTDYRMR

Host *Escherichia coli*

Theoretical MW (kDa) 84

Form Liquid

Preparation Method *Escherichia coli* expression system

Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE
Activity	10,000 unit/mg
Quality Control Testing	15% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 40 mM Tris, 100 mM NaCl, 4 mM MgCl ₂ , pH 8.0 (40% glycerol, 2 mM DTT).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Prmt1

Entrez GeneID	15469
Protein Accession#	AAF37293
Gene Name	Prmt1
Gene Alias	6720434D09Rik, AW214366, Hrmt1l2, Mrmt1
Gene Description	protein arginine N-methyltransferase 1
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000022387 arginine N-methyltransferase 1 heterogeneous nuclear ribonucleoproteins methyltransferase-like 2