

Bioactive

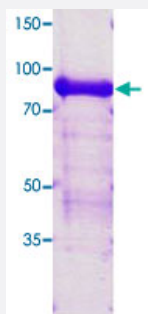
Full-Length

HRMT1L2 (Human) Recombinant Protein

Catalog # P3463

Size 100 ug

Applications



Specification

Product Description

Human HRMT1L2 (NP_938074, 1 a.a. - 353 a.a.) full-length recombinant protein with His-MBP tag expressed in *Escherichia coli*.

Sequence

MHHHHHMKIEEGKLVWINGDKGYNGLAIEVGKKFEKDTGKVTVEHPDKLEEKFPQVAATGDGP
DIIFWAHDRFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLYNKDLLPNP
PKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIADGGYAFKYENGYDIKDVGVNDAGAKA
GLTFLVDLIKHKHMNADTDYSIAEAFNKGETAMTINGPWAWSNIDTSKVNYGVTLPFTKGQPSK
PFVGVLSAGINAASPNKELAKEFLENLLTDEGLEAVNKDKPLGAVALKSYYYEELAKDPRIAATME
NAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSNNNNNNNNNLGIEGRG
SHMAAAEAANCIMEVSCGQAESSEKPNEDMTSKDYFDSYAHFGIHEEMLKDEVRTLTYRNSM
FHNRLHFKDKVVLVDVSGTGILCMFAAKAGARKVIGIECSSISDYAVKIVKANKLDHVVTIIGKVEE
VELPVEKVDIISEWMGYCLFYESMLNTVLYARDKWLAPDGLIFPDRATLYVTAIEDRQYKDYKIH
WENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNACLIKEVDIYTKVEDLTFTSPFCLQVKRNDYV
HALVAYFNIEFTRCHKRTGFSTSPESPYTHWKQTVFYMEDYLVTKTGEEIFGTIGMRPNAKNNRDL
DFTIDLDFKQQLCELSCTDYRMR

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/mL
Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 40 mM Tris, 100 mM NaCl, 4 mM MgCl ₂ , pH 8.0 (2 mM DTT, 40% glycerol).
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	3276
Protein Accession#	NP_938074
Gene Name	PRMT1
Gene Alias	ANM1, HCP1, HRMT1L2, IR1B4
Gene Description	protein arginine methyltransferase 1
Omim ID	602950
Gene Ontology	Hyperlink
Gene Summary	The PRMT1 gene encodes a protein arginine methyltransferase that functions as a histone methyl transferase specific for H4 (see MIM 602822).[supplied by OMIM]
Other Designations	HMT1 (hnRNP methyltransferase, <i>S. cerevisiae</i>)-like 2 HMT1 hnRNP methyltransferase-like 2 interferon receptor 1-bound protein 4 protein arginine N-methyltransferase 1

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Spinal Dysraphism](#)