

Product Datasheet

Recombinant Human PRMT1 His-MBP Protein NBC1-18446-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBC1-18446-0.1mg**Recombinant Human PRMT1 His-MBP Protein**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	40mM Tris-HCl buffer (pH 8.0), 100 mM NaCl, 4mM MgCl ₂ , 2 mM DTT, 40% glycerol
Target Molecular Weight	84.2 kDa

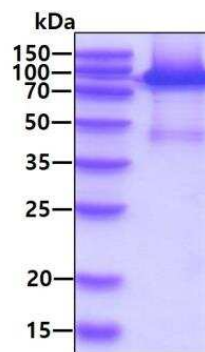
Product Description	
Description	A bioactive recombinant protein with a N-Terminal His-MBP tag and corresponding to the amino acids 1-353 of Human PRMT1 Source: <i>E.coli</i> Amino Acid Sequence: MHHHHHHMKI EEGKLVIWIN GDKGYNGLAE VGKKFEKDTG IKVTVEHPDK LEEKFPQVAA TGDGPDII FW AHDRFGGYAQ SGLLAEITPD KAFQDKLYPF TWDVRYNGK LIAYPIAVEA LSLIYNKDLL PNPPKTWEEI PALDKELKAK GKSALMFNLQ EPYFTWPLIA ADGGYAFKYE NGKYDIKDVG VDNAGAKAGL TFLVDLIK NK HMNADTDYSI AEA AFNKGET AMTINGP WAW SNIDTSKVNY GVTVLPTFKG QPSKPFVGV L SAGINAASPN KELA KEFLEN YLLTDEGLEA VNKD KPLGAV ALKSYEEELA KDPRIAATME NAQKGEIMPN IPQMSAFWYA VRTAVINAAS GRQTVDEALK DAQTNSSSN NNNNNNNNLG IEGRGSHMAA AEAANCIMEV SCGQAESSEK PNAEDMTSKD YYFDSYAHFG IHEEMLKDEV RTLT YRNSMF HNRHLFKDKV VLDVGSGTGI LCMFAAKAGA RKVIGIECSS ISDYAVKIVK ANKLDHVVTI IKGKVEEVEL PVEKVDIIIS EWMGYCLFYE SMLNTVLYAR DKWLAPDGLI FPD RATLYVT AIEDRQYKDY KIHWWENVYG FDMSCIKDVA IKEPLVDVVD PKQLVTNACL IKEVDIYTVK VEDLTFTSPF CLQVKRNDYV HALVAYFNIE FTRCHKRTGF STSPESPYTH WKQTVFYMED YLTVKTGEEI FGTIGMRPNA KNNRDLDFTI DLDFKGQLCE LSCSTDYRMR
Gene ID	3276
Gene Symbol	PRMT1
Species	Human
Details of Functionality	Specific activity is > 10 nmol/min/mg, and is defined as the amount of enzyme that transfer 1.0 nmole of methyl group on histone H4 per minute at 37C.

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



Images

SDS-Page: Recombinant Human PRMT1 Protein [NBC1-18446] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



Publications

Li Luo, Xingyun Wu, Jiawu Fan, Lixia Dong, Mao Wang, Yan Zeng, Sijia Li, Wenyong Yang, Jingwen Jiang, Kui Wang
FBXO7 ubiquitinates PRMT1 to suppress serine synthesis and tumor growth in hepatocellular carcinoma Nature
Communications 2024-06-05 [PMID: 38839752]



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Products Related to NBC1-18446-0.1mg

NBC1-18445-0.1mg	Recombinant Mouse PRMT1 His-MBP Protein
NB100-56642	PRMT6 Antibody
NBP2-43744	PRMT1 Antibody (779)
NB100-56374	Carm1 Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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