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Product datasheet for PH309382

PRMT3 (NM_005788) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRMT3 MS Standard C13 and N15-labeled recombinant protein (NP_005779)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209382
Predicted MW:	59.9 kDa
Protein Sequence:	>RC209382 protein sequence Red=Cloning site Green=Tags(s) MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPCLFCNRLFTSAEETFSHCKSE HQFNIDSMVHKHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPVPWEKEEYLKPVLEDDLLLQFDVEDLYE PVSVPFSYPNGLSENTSVVEKLKHMEARALSAEAALARAREDLQKMKQFAQDFVMHTDVRTCSSSTSVIA DLQEDEDGVYFSSYGHYGIHEEMLKDKIRTESYRDFIYQNPHIFKDKVVLDVGCGTGILSMFAAKAGAKK VLGVDQSEILYQAMDIIRLNKLEDTITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVLYAKNK YLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEAVVEVLDPKTLISEPCGIK HIDCHTTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPQSTKTHWKQTVFLLEKP FSVKAGEALKGKVTVHKNKKDPRSLTVTLTLNNSTQTYGLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005779
RefSeq Size:	2743
RefSeq ORF:	1593

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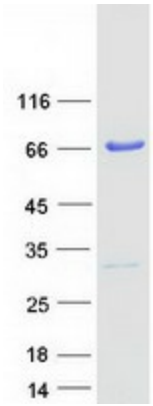
Synonyms:	HRMT1L3
Locus ID:	10196
UniProt ID:	O60678
Cytogenetics:	11p15.1
Summary:	This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PRMT3 protein (Cat# [TP309382]). The protein was produced from HEK293T cells transfected with PRMT3 cDNA clone (Cat# [RC209382]) using MegaTran 2.0 (Cat# [TT210002]).