

Product datasheet for TP309382

PRMT3 (NM_005788) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein arginine methyltransferase 3 (PRMT3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209382 protein sequence Red=Cloning site Green=Tags(s)

MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPLFCNRLFTSAEETFSHCKSE
HQFNIDSMVHKHGLEFYGIKLNIFIRLKNPTVEYMNSIYNPVPWEKEEYLKPVLEDDLLQFDVEDLYE
PVSVPFSYPNGLSENTSVVEKLNHMEARALSAEAALARAREDLQKMKQFAQDFVMHTDVRTCSSSTSVIA
DLQEDEDGVYFSSYGHYGIHEEMLKDKIRTESYRDFIYQNPFIKDKVWLDVGCCTGILSMFAAKAGAKK
VLGVDQSEILYQAMDIIRLNKLEDITLIKGIIEVHLPVEKVDVIISEWMGYFLLFESMLDSVLYAKNK
YLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEAVVEVLDPKTLISEPCGIK
HIDCHTTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGQPQSTKTHWKQTVFLEKPK
FSVKAGEALKGKVTVHKNNKDPRLSLTVTLNNTQTYGLQ

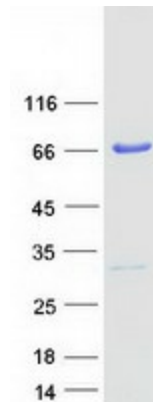
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005779
Locus ID:	10196
UniProt ID:	O60678
RefSeq Size:	2743
Cytogenetics:	11p15.1
RefSeq ORF:	1593
Synonyms:	HRMT1L3
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]).