

## Product datasheet for **TP309382M**

### 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, 100 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  
VLGVDQSEILYQAMDIIRLNKLEDITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVLYAKNK  
YLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSCMKKAVIPEAVVEVLDPKTLISEPCGIK  
HIDCHTTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPGQSTKTHWKQTVFLEKPK  
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.

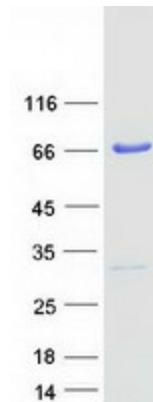
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005779</a>
<b>Locus ID:</b>	10196
<b>UniProt ID:</b>	<a href="#">O60678</a>
<b>RefSeq Size:</b>	2743
<b>Cytogenetics:</b>	11p15.1
<b>RefSeq ORF:</b>	1593
<b>Synonyms:</b>	HRMT1L3
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).