

## Product datasheet for **TP309584M**

### PRMT10 (PRMT9) (NM\_138364) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hypothetical protein BC004337 (LOC90826), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209584 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSNSRPRSRRDAGGGAGAAGRDELVSRSLQSAEHCLGVQDFGTAYAHYLLVLSLAPELKHDVKETFQYTL  
FRWAEELDALSRIQDLLGCYEQALELFPDDEVICNSMGEHLFRMGFRDEAAGYFHKAVKLNPDFSDAKEN  
FYRVANWLVERWHFIMLNDTKRNTIYNAAIQKAVCLGSKSVLDIGAGTGILSMFAKKAGAHSVYACELSK  
TMYELACDVVAANKMEAGIKLLHTKSLDIEIPKHIPERSLVVTETVDAGLFGEGIVESLIHAWEHLLLQ  
PKTKGESANCEKYGKVIPASAVIFGMAVECAEIRRHHRVGIKDIAGIHLPTNVKVFQSPAYSSVDTEETIE  
PYTTEKMSRVPGGYLALTECFEIMTVDFNNLQELKSLATKKPKIGIPVIKEGILDAIMVWVFLQLDDEH  
SLSTSPSEETCWEQAVYPVQDLADYWIKPGDHVMMEVSCQDCYLRIQSISVLGLECEMDVAKSFTQNKDL  
LSLGNEAELCSALANLQTSKPAVEQTCILESTEIALNNIPYHEGFKMAMSKVLSLTPKELYQTMETH  
CQNEMSSGTGQSNTVQNIPEFYVLDVSEGFVLPVIAGTLGQVKPYSSVEKDQHRIALDLISEANHFPK  
ETLEFWRHVEDESAMLQRPKSDKLWSIIILDVIEPSGLIQQEIMEKAAISRCLLQSGGKIFPQYVLMFG  
LLVESQTLLEENAVQGTERTLGLNIAPFINQFQVPIRVFLDLSSLPCIPLSKPVELLRLDLMTPLYNTSN  
REVKVYVCKSGRLTAIPFWYHMYLDEEIRLDTSSSEASHWKQAAVLDNPIQVEMGEELVLSIQHHKSNVS  
ITVKQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	94.3 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.



[View online »](#)

**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.

**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\\_612373](#)

**Locus ID:** 90826

**UniProt ID:** [Q6P2P2](#)

**RefSeq Size:** 2842

**Cytogenetics:** 4q31.23

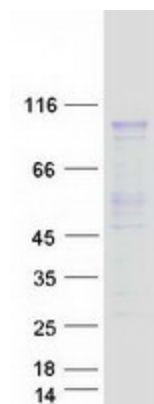
**RefSeq ORF:** 2535

**Synonyms:** PRMT10

**Summary:** This gene encodes a type II methyltransferase. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to the guanidino nitrogen atoms of arginine. The protein encoded by this gene methylates spliceosome associated protein 145 to regulate alternative splicing and acts as a modulator of small nuclear ribonucleoprotein maturation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Apr 2017]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified PRMT9 protein (Cat# [TP309584]). The protein was produced from HEK293T cells transfected with PRMT9 cDNA clone (Cat# [RC209584]) using MegaTran 2.0 (Cat# [TT210002]).