

## Product datasheet for TP309584

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hypothetical protein BC004337 (LOC90826), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209584 protein sequence Red=Cloning site Green=Tags(s)

MSNSRPRSRRDAGGGAGAAGRDELVSRSLQSAEHCLGVQDFGTAYAHYLLVLSLAPELKHDVKETFQYTL  
FRWAEELDALSRIQDLLGCYEQALELFPDDEVICNSMGEHLFRMGFRDEAAGYFHKAVKLNPDFSDAKEN  
FYRVANWLVERWHFIMLNDTKRNTIYNAAIQKAVCLGSKSVLDIGAGTGILSMFAKKAGAHSVYACELSK  
TMYELACDVVAANKMEAGIKLLHTKSLDIEIPKHIPERSLVVTETVDAGLFGEGIVESLIHAWEHLLLQ  
PKTKGESANCEKYGKVIPASAVIFGMAVECAEIRRHHRVGIKDIAGIHLPTNVKVFQSPAYSSVDTEETIE  
PYTTEKMSRVPGGYLALTECFEIMTVDFNNLQELKSLATKKPKIGIPVIKEGILDAIMVWVFLQLDDEH  
SLSTSPSEETCWEQAVYPVQDLADYWIKPGDHVMMEVSCQDCYLRIQSISVLGLECEMDVAKSFTQNKDL  
LSLGNEAELCSALANLQTSKPAVEQTCILESTEIALNNIPYHEGFKMAMSKVLSLTPKELYQTMETH  
CQNEMSSGTGQSNTVQNIPEFYVLDVSEGFVLPVIAGTLGQVKPYSSVEKDQHRIALDLISEANHFPHK  
ETLEFWRHVEDESAMLQRPKSDKLWSIIILDVIEPSGLIQQEIMEKAAISRCLLQSGGKIFPQYVLMFG  
LLVESQTLLEENAVQGTERTLGLNIAPFINQFQVPIRVFLDLSSLPCIPLSKPVELLRLDLMTPLYLNTSN  
REVKVVYCKSGRLTAIPFWYHMYLDEEIRLDTSSSEASHWKQAAVLDNPIQVEMGEELVLSIQHHKSNVS  
ITVKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

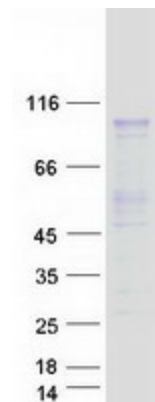
Tag:	C-Myc/DDK
Predicted MW:	94.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_612373</a>
<b>Locus ID:</b>	90826
<b>UniProt ID:</b>	<a href="#">Q6P2P2</a>
<b>RefSeq Size:</b>	2842
<b>Cytogenetics:</b>	4q31.23
<b>RefSeq ORF:</b>	2535
<b>Synonyms:</b>	PRMT10
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).