

Product datasheet for TP309584L

PRMT10 (PRMT9) (NM_138364) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hypothetical protein BC004337 (LOC90826), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209584 protein sequence Red=Cloning site Green=Tags(s)

MSNSRPRRRDAGGGAGAAGRDELVSRSLQSAEHCLGVQDFGTAYAHYLLVLSLAPELKHDVKETFQYTL
FRWAEELDALSRIQDLLGCYEQALELFPDDEVICNSMGEHLFRMGFRDEAAGYFHKAVKLNPDFSDAKEN
FYRVANWLVERWHFIMLNDTKRNTIYNAAIQKAVCLGSKSVLDIGAGTGILSMFAKKAGAHSVYACELSK
TMYELACDVVAANKMEAGIKLLHTKSLDIEIPKHIPERSLVVTETVDAGLFGEGIVESLIHAWEHLLLQ
PKTKGESANCEKYGKVIPASAVIFGMAVECAEIRRHHRVGIKDIAGIHLPTNVKVFQSPAYSSVDTEETIE
PYTTEKMSRVPGGYLALTECFEIMTVDFNNLQELKSLATKKPKDIGIPVIKEGILDAIMVWVFLQLDDEH
SLSTSPSEETCWEQAVYPVQDLADYWIKPGDHVMMEVSCQDCYLRIQSISVLGLECEMDVAKSFTQNKDL
LSLGNEAELCSALANLQTSKPAVEQTCILESTEIALNNIPYHEGFKMAMSKVLSLTPKELYQTMETH
CQNEMSSGTGQSNTVQNIPEFYVLDVSEGFVLPVIAGTLGQVKPYSSVEKDQHRIALDLISEANHFPK
ETLEFWRHVEDESAMLQRPKSDKLWSIIILDVIEPSGLIQQEIMEKAAISRCLLQSGGKIFPQYVLMFG
LLVESQTLLEENAVQGTERTLGLNIAPFINQFQVPIRVFLDLSSLPCIPLSKPVELLRLDLMTPLYNTSN
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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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

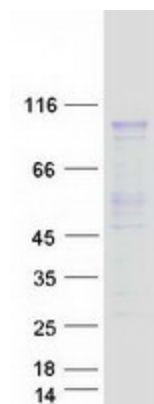
RefSeq ORF: 2535

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]).