

Product datasheet for PH309584

PRMT10 (PRMT9) (NM_138364) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRMT10 MS Standard C13 and N15-labeled recombinant protein (NP_612373)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209584
Predicted MW:	94.5 kDa
Protein Sequence:	>RC209584 protein sequence Red=Cloning site Green=Tags(s)

MSNSRPRSRRDAGGGAGAAGRDELVSRSLQSAEHCLGVQDFGTAYAHYLLVLSLAPELKHVDKETFQYTL
FRWAEELDALSRIQDLLGCYEQALELFPDDEVICNSMGEHLFRMGFRDEAAGYFHKAVKLNPDFSDAKEN
FYRVANWLVERWHFIMLNDTKRNTIYNAAIQKAVCLGSKSVLDIGAGTGILSMFAKKAGAHSVYACELSK
TMYELACDVVAANKMEAGIKLLHTKSLDIEIPKHIPERVSLLVTTETVDAGLFGEGIVESLIHAWHEHLLQ
PKTKGESANCEKYGKVIPASAVIFGMAVECAEIRRHRVGIKDIAGIHLPTNVKQSPAYSSVDTEETIE
PYTTEKMSRVPGGYLALTECFEIMTVDFNNLQELKSLATKKPKDIGIPVIKEGILDAIMVWVFLQLDDEH
SLSTSPSEETCWEQAVYPVQDLADYWIKPGDHVMMEVSCQDCYLRIQSISVLGLECEMDVAKSFTQNKDL
LSLGNEAELCSALANLQTSKPDAVEQTCILESTEIALLNIPYHEGFKMAMSKVLSLTPPEKLYQTMMDTH
CQNMSSGTGQSNVQNIPEFYVLDVSEGFVLPVIAGTLGQVKPYSSVEKDQHRIALDLISEANHFPK
ETLEFWLRHVEDESAMLQRPKSDKLSIIILDVIEPSGLIQQEIMEKAAISRCLLQSGGKIFPQYVLMFG
LLVESQTLLEENAVQGTERTLGLNIAPFINQFQVPIRVFLDLSSLPCIPLSKPVELLRLDLMTPLYNTSN
REVKVYVCKSGRLTAIPFWYHMYLDEEIRLDTSSEASHWKQAAVVDNPIQVEMGEELVLSIQHHKSNVS
ITVKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_612373](#)

RefSeq Size: 2842

RefSeq ORF: 2535

Synonyms: PRMT10

Locus ID: 90826

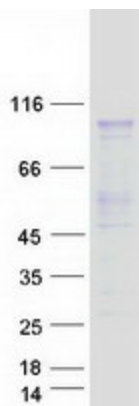
UniProt ID: [Q6P2P2](#)

Cytogenetics: 4q31.23

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]).