

Product datasheet for PH305188

PRMT8 (NM_019854) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRMT8 MS Standard C13 and N15-labeled recombinant protein (NP_062828)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205188
Predicted MW:	45.3 kDa
Protein Sequence:	>RC205188 protein sequence Red=Cloning site Green=Tags(s)

MGMKHSSRCLLLRRKMAENAAESTEVENSPSPQPVPVPAKPVQCVHHVSTQPSCPGRGKMSKLLNPEEM
TSRDYVFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVVLVVGSGTGILSMFAAKAGAKKVFGEI
ECSSISDYSQKI I KANHLDNIIITIFKGVVEEVELPVEKVDIIISEWMGYCLFYESMLNTVIFARDKWLKP
GGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIKEVDI
YTVKTEELSFTSAFCLQIQRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR
GEEIYGTISMKPNKKNVRDLDFTVDLDFKGQLCETSVSNDYKMR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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.
RefSeq:	<u>NP_062828</u>
RefSeq Size:	2417
RefSeq ORF:	1182
Synonyms:	HRMT1L3; HRMT1L4
Locus ID:	56341



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UniProt ID: [Q9NR22](#), [Q59GT2](#)

Cytogenetics: 12p13.32

Summary: Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]). [supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PRMT8 protein (Cat# [TP305188]). The protein was produced from HEK293T cells transfected with PRMT8 cDNA clone (Cat# [RC205188]) using MegaTran 2.0 (Cat# [TT210002]).