

Product datasheet for PH305188

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC205188

or AA Sequence:

Predicted MW: 45.3 kDa

Protein Sequence: >RC205188 protein sequence

Red=Cloning site Green=Tags(s)

MGMKHSSRCLLLRRKMAENAAESTEVNSPPSQPPQPVVPAKPVQCVHHVSTQPSCPGRGKMSKLLNPEEM TSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVVLDVGSGTGILSMFAAKAGAKKVFGI ECSSISDYSQKIIKANHLDNIITIFKGKVEEVELPVEKVDIIISEWMGYCLFYESMLNTVIFARDKWLKP GGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIKEVDI YTVKTEELSFTSAFCLQIQRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR

GEEIYGTISMKPNAKNVRDLDFTVDLDFKGQLCETSVSNDYKMR

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: NP 062828

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

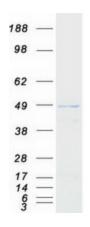
processes, including DNA repair, RNA transcription, signal transduction, protein

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]).