

Product datasheet for **TP305188**

PRMT8 (NM_019854) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human protein arginine methyltransferase 8 (PRMT8), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC205188 protein sequence

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MGMKHSRCLLLRRKMAENAAESTEVENSPSPQPVPVPAKPVQC VHHVSTQPSCPGRGKMSKLLNPEEM
TSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVLDVGS GTGILSMFAAKAGAKKVFGI
ECSSISDYSQKIIKANHLDNIITIFKGV EVELPVEKVDIIISEWMGYCLFYESMLNTVIFARDKWLKP
GGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIKEVDI
YTVKTEELSFTSAFCLQIQRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR
GEEIYGTISMKPNAKNVRDLDFVLDLDFKGLCETSVSNDYKMR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 45.1 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.

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_062828](#)

Locus ID: 56341



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UniProt ID:	Q9NR22 , Q59GT2
RefSeq Size:	2417
Cytogenetics:	12p13.32
RefSeq ORF:	1182
Synonyms:	HRMT1L3; HRMT1L4
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]).