

## Product datasheet for **TP305188L**

### PRMT8 (NM\_019854) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein arginine methyltransferase 8 (PRMT8), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205188 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGMKHSRCLLLRRKMAENAAESTEVENSPSPQPVPVPAKPVQCVHHVSTQPSCPGRGKMSKLLNPEEM  
TSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVLDVGSSTGILSMFAAKAGAKKVFGI  
ECSSISDYSQKIIKANHLDNIITIFKGVVEEVLPEKVDIIISEWVMGYCLFYESMLNTVIFARDKWLKP  
GGLMFPDRAALYVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIKEVDI  
YTVKTEELSFTSAFCLQIQRNDYVHALVTFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR  
GEEIYGTISMKPNAKNVRDLDFVDFKGLCETSVSNDYKMR

**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:	<a href="#">NP_062828</a>
Locus ID:	56341



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UniProt ID:	<a href="#">Q9NR22</a> , <a href="#">Q59GT2</a>
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]).