

# **Product datasheet for TP305188L**

### OriGene Technologies, Inc.

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### 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** >RC205188 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGMKHSSRCLLLRRKMAENAAESTEVNSPPSQPPQPVVPAKPVQCVHHVSTQPSCPGRGKMSKLLNPEEM TSRDYYFDSYAHFGIHEEMLKDEVRTLTYRNSMYHNKHVFKDKVVLDVGSGTGILSMFAAKAGAKKVFGI ECSSISDYSQKIIKANHLDNIITIFKGKVEEVELPVEKVDIIISEWMGYCLFYESMLNTVIFARDKWLKP GGLMFPDRAALYVVAIEDRQYKDFKIHWWENVYGFDMTCIRDVAMKEPLVDIVDPKQVVTNACLIKEVDI YTVKTEELSFTSAFCLQIQRNDYVHALVTYFNIEFTKCHKKMGFSTAPDAPYTHWKQTVFYLEDYLTVRR

GEEIYGTISMKPNAKNVRDLDFTVDLDFKGQLCETSVSNDYKMR

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK

Predicted MW: 45.1 kDa

Concentration:  $>0.05 \mu g/\mu L$  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





#### PRMT8 (NM\_019854) Human Recombinant Protein - TP305188L

**UniProt ID:** Q9NR22, Q59GT2

RefSeq Size: 2417

Cytogenetics: 12p13.32

1182 RefSeq ORF:

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

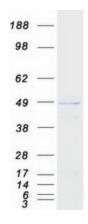
processes, including DNA repair, RNA transcription, signal transduction, protein

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]).