

Product datasheet for TP300028M

OriGene Technologies, Inc.

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METTL9 (NM 016025) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human methyltransferase like 9 (METTL9), transcript variant 1, 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >Peptide sequence encoded by RC200028 or AA Sequence: Blue=ORF Red=Cloning site Green=Tag(s)

MTSGPGGPAAAAGGRKENHQWYVCNREKLCESLQAVFVQSYLDQGTQIFLNNSIEKSGWLFIQLYHSFV SSVFSLFMSRTSINGLLGRGSMFVFSPDQFQRLLKINPDWKTHRLLDLGAGDGEVTKIMSPHFEEIYAT ELSETMIWQLQKKKYRVLGINEWQNTGFQYDVISCLNLLDRCDQPLTLLKDIRSVLEPTRGRVILALVL PFHPYVENVGGKWEKPSEILEIKGQNWEEQVNSLPEVFRKAGFVIEAFTRLPYLCEGDMYNDYYVLDDA

VFVLKPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 36.4 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 057109

Locus ID: 51108 **UniProt ID:** Q9H1A3



METTL9 (NM_016025) Human Recombinant Protein - TP300028M

RefSeq Size: 3267

Cytogenetics: 16p12.2

RefSeq ORF: 954

Synonyms: CGI-81; DREV; DREV1; PAP1

Summary: Protein-histidine N-methyltransferase that specifically catalyzes 1-methylhistidine (pros-

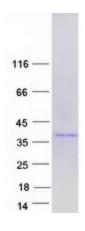
methylhistidine) methylation of target proteins (PubMed:33563959). Mediates methylation of

proteins with a His-x-His (HxH) motif (where 'x' is preferably a small amino acid)

(PubMed:33563959). Catalyzes methylation of target proteins such as S100A9, NDUFB3, SLC39A5, SLC39A7, ARMC6 and DNAJB12; 1-methylhistidine modification may affect the binding of zinc and other metals to its target proteins (PubMed:33563959). Constitutes the main methyltransferase for the 1-methylhistidine modification in cell (PubMed:33563959).

[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified METTL9 protein (Cat# [TP300028]). The protein was produced from HEK293T cells transfected with METTL9 cDNA clone (Cat# [RC200028]) using MegaTran 2.0 (Cat# [TT210002]).