

## Product datasheet for **TP318283**

### **METTL9 (NM\_001077180) Human Recombinant Protein**

#### Product data:

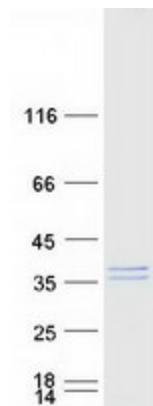
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human methyltransferase like 9 (METTL9), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218283 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MRLLAGWLCLSLASVWLARRMWTLRSPLTRSLYVNMTSGPGGPAAGGRKENHQWYVCNREKLCESL QA VFAQSYLDQGTQIFLNNSIEKSGWLFQIQLYHSFVSSVFLFMSRTSINGLLGRGSMFVSPDQFQRLKI NPDWKTHRLLDLGAGDGEVTKIMSPHFEEIYATELSEMIWQLQKKYRVLGINWQNTGFQYDVISCLN LLDRCDQPLTLLKDIRSVLEPTRGRVILALVLPFHPYVENVGGKWEKPEILEIKGQNWEEQVNSLPEVF RKAGFVIEAFTRLPYLCEGDMYNDYYVLDDAVFVLKPV
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	36.3 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_001070648</a>
Locus ID:	51108



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UniProt ID:	<a href="#">Q9H1A3</a>
RefSeq Size:	3264
Cytogenetics:	16p12.2
RefSeq ORF:	954
Synonyms:	CGI-81; DREV; DREV1; PAP1
Summary:	Protein-histidine N-methyltransferase that specifically catalyzes 1-methylhistidine (pro-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, NDUF3B, 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# TP318283). The protein was produced from HEK293T cells transfected with METTL9 cDNA clone (Cat# [RC218283]) using MegaTran 2.0 (Cat# [TT210002]).