

Product datasheet for TP301373M

HENMT1 (NM_144584) Human Recombinant Protein

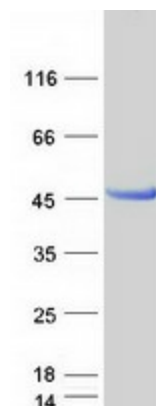
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 1 open reading frame 59 (C1orf59), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201373 protein sequence Red =Cloning site Green =Tags(s) MEENNLCSSVDGNFEEVPRETAIQFKPPLYRQRYQFVKNLVDQHEPKKVADLGCGDTSLLRLLKVNPC IELLVGVDINEDKLRWRGDSLAPFLGDFLKPRDLNLTITLYHGSVERDSRLLGFDLITCIELIEHLD SG DLARFPEVVFGLSPSMIVISTPNSEFNPLFPSVTLRSDHKFEWTRMEFQTWALYVANRYDYSVEFTGV GEPPAGAENVGYCTQIGIFRKNGGKATESCLSEQHDQHVKAVFTTSYPSLQQERFFKLVLVNEVSQQVE SLRVSHLPRRKEQAGERGDKPKDIGGSKAPVPCFGPVFTEVEKAKIENSPTPFCVGDKFFVPLQRLLAYP KLNRLCANEEIMRSVIADSIPLSSDGSAAVADLRNYFDEQFEF TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	44.3 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:	<u>NP_653185</u>


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Locus ID:	113802
UniProt ID:	Q5T8I9
RefSeq Size:	1890
Cytogenetics:	1p13.3
RefSeq ORF:	1179
Synonyms:	C1orf59; HEN1
Summary:	Methyltransferase that adds a 2'-O-methyl group at the 3'-end of piRNAs, a class of 24 to 30 nucleotide RNAs that are generated by a Dicer-independent mechanism and are primarily derived from transposons and other repeated sequence elements. This probably protects the 3'-end of piRNAs from uridylation activity and subsequent degradation. Stabilization of piRNAs is essential for gametogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HENMT1 protein (Cat# [TP301373]). The protein was produced from HEK293T cells transfected with HENMT1 cDNA clone (Cat# [RC201373]) using MegaTran 2.0 (Cat# [TT210002]).