Recombinant Human METTL14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. METTL14-6626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	METTL14 MS Standard C13 and N15-labeled recombinant protein (NP_066012) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	METTL14 (Methyltransferase Like 14) is a Protein Coding gene. Diseases associated with METTL14 include Miyoshi Muscular Dystrophy 3 and Periosteal Chondrosarcoma. Among its related pathways are Chromatin Regulation / Acetylation and Gene Expression. Gene Ontology (GO) annotations related to this gene include RNA binding and mRNA (2'-O-methyladenosine-N6-)-methyltransferase activity.
Molecular Mass	52.2 kDa
AA Sequence	MDSRLQEIRERQKLRRQLLAQQLGAESADSIGAVLNSKDEQREIAETRETCRASYDT SAPNAKRKYLDEGETDEDKMEEYKDELEMQQDEENLPYEEEIYKDSSTFLKGTQSL NPHNDYCQHFVDTGHRPQNFIRDVGLADRFEEYPKLRELIRLKDELIAKSNTPPMYL QADIEAFDIRELTPKFDVILLEPPLEEYYRETGITANEKCWTWDDIMKLEIDEIAAPRSF IFLWCGSGEGLDLGRVCLRKWGYRRCEDICWIKTNKNNPGKTKTLDPKAVFQRTKE HCLMGIKGTVKRSTDGDFIHANVDIDLIITEEPEIGNIEKPVEIFHIIEHFCLGRRRLHLF GRDSTIRPGWLTVGPTLTNSNYNAETYASYFSAPNSYLTGCTEEIERLRPKSPPPKS KSDRGGGAPRGGGRGGTSAGRGRERNRSNFRGERGGFRGGRGGAHRGGFPPR

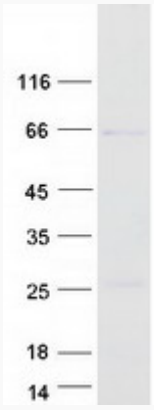
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	METTL14 methyltransferase like 14 [Homo sapiens (human)]
Official Symbol	METTL14
Synonyms	METTL14; methyltransferase like 14; hMETTL14; N6-adenosine-methyltransferase non-catalytic subunit; N6-adenosine-methyltransferase subunit METTL14; methyltransferase-like protein 14; EC 2.1.1.62
Gene ID	57721
mRNA Refseq	NM_020961
Protein Refseq	NP_066012
MIM	616504

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UniProt ID	Q9HCE5
SDS-PAGE	

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