Recombinant Human METTL14 Protein (Full Length), N-GST-tagged

Cat. No. METTL14-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human METTL14 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full Length
Description	N6-adenosine-methyltransferase subunit METTL14 (Methyl-transferase-like protein 14 or METTL14) methylates adenosine residues of some mRNAs and acts as a regulator of the circadian clock and differentiation of embryonic stem cells. N6-methyladenosine (m6A), which takes place at the 5'-[AG] GAC-3' consensus sites of some mRNAs, plays a role in the efficiency of mRNA splicing, processing and mRNA stability.
Molecular Mass	~84 kDa
Purity	>85%
Stability	One year at -70 centigrade from date of shipment
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

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	favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.5 μg/μL
Storage Buffer	Recombinant protein stored in 50mM Tris-HCI, pH 7.5, 150mM NaCI, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Shipping	Dry ice.

GENE INFORMATION

Gene Name	METTL14 methyltransferase 14, N6-adenosine-methyltransferase subunit [Homo sapiens (human)]
Official Symbol	METTL16
Synonyms	METTL14; methyltransferase 14, N6-adenosine-methyltransferase subunit; hMETTL14
Gene ID	57721
mRNA Refseq	NM_020961
Protein Refseq	NP_066012
MIM	616504
UniProt ID	Q9HCE5

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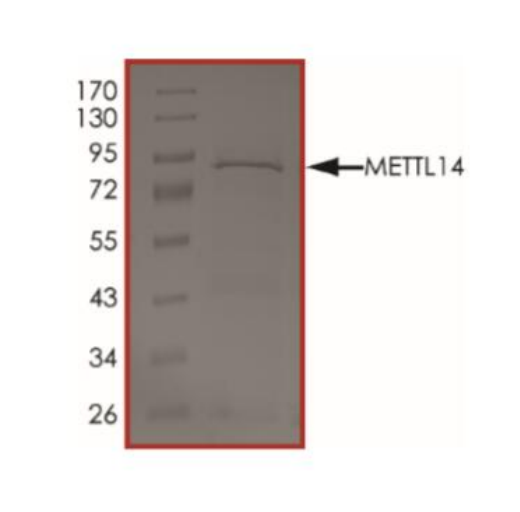
Purity	

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