

Recombinant Full Length Human METTL14 Protein, C-Flag-tagged

Cat. No. METTL14-925HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human METTL14 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables mRNA binding activity. Contributes to mRNA (2'-O-methyladenosine-N6-)-methyltransferase activity. Involved in mRNA metabolic process; negative regulation of hematopoietic progenitor cell differentiation; and positive regulation of translation. Located in nucleoplasm. Part of RNA N6-methyladenosine methyltransferase complex.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52 kDa
AA Sequence	MDSRLQEIRERQKLRRQLLAQQLGAESADSIGAVLNSKDEQREIAETRETCRASYDT SAPNAKRKYLDEG ETDEDKMEEYKDELEMQQDEENLPYEEIYKDSSTFLKGTQSL NPHNDYCQHFVDTGHRPQNFIRDVGLA DRFEEYPKLRELIRLKDELIAKSNTPPMYL QADIEAFDIRELTPKFDVILPEPPLEYYRETGITANEKC WTWDDIMKLEIDEIAAPRS FIFLWCGSGEGLDLGRVCLRKWGYRRCEDICWIKTNKNNPGKTKTLDPAKAV FQRTK EHCLMGIKGTVKRSTDGDFIHANVDIDLITTEEPEIGNIEKPVEIFHIIHFCLGRRRLHL FGRD STIRPGWLTVGPTLTNSNYNAETYASYFSAPNSYLTGCTEEIERLRPKSPPPK SKSDRGGGAPRGGGRGG

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	TSAGRGRERNRSNFRGERGGFRGGGRGGAHRGGFPPRTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	METTL14 methyltransferase 14, N6-adenosine-methyltransferase subunit [Homo sapiens (human)]
Official Symbol	METTL14
Synonyms	hMETTL14
Gene ID	57721
mRNA Refseq	NM_020961.4
Protein Refseq	NP_066012.1

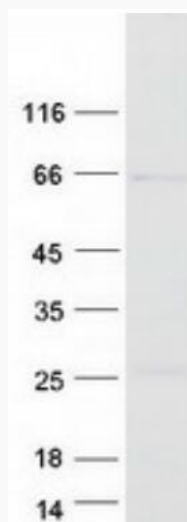
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MIM 616504

UniProt ID Q9HCE5



Coomassie blue staining of purified METTL14 protein.

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