

# Recombinant Full Length Human METTL3 Protein, GST-tagged

Cat. No. METTL3-1801HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human METTL3 full-length ORF ( NP_062826.2, 1 a.a. - 580 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	580 amino acids
<b>Description</b>	This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	90.9 kDa
<b>AA Sequence</b>	MSDTWSSIQAHKKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPVPTAP TSGGPKPSTASAVPELATDPELEKLLHHLSDLALTLPTDAVSICLAISTPDAPATQD GVESLLQKFAAQELIEVKRGLLQDDAHTLVYADHSKLSAMMGAVAEEKKGPGEVA GTVTGGQKRRAEQDSTTVAAFASSLVSGLNSSASEPAKEPAKKS SRKHAASDVDLEIES LLNQQSTKEQQSKKVSQEILELLNTTTAKEQSIVEKFRSRGRAQVQEFCDYGTKEEC MKASDADRPCRKLHFRIINKHTDESLGDCSFLNTCFHMDTCKYVHYEIDACMDSEA PGSKDHTPSQELALTQSVGGDSSADRLFPQWICCDIRYLDVSILGKFAVVMADPP WDIHMELPYGTLTDDMRRLNIPVLQDDGFLFLWVTGRAMELGRECLNLWGYERV

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DEIIVVKTNQLQRIIRTGRTGHWLNHGKEHCLVGVKGNPQGFNQGLDCDVIVAEVR  
STSHKPDEIYGMIERLSPGTRKIELFGRPHNVQPNWITLGNQLDGIHLLDPDVVARFK  
QRYPDGIISKPKNL

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [METTL3 methyltransferase like 3 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [METTL3](#)

**Synonyms** [IME4](#), [M6A](#), [MGC4336](#), [MT-A70](#), [Spo8](#)

**Gene ID** [56339](#)

**mRNA Refseq** [NM\\_019852.3](#)

**Protein Refseq** [NP\\_062826.2](#)

**MIM** [612472](#)

**UniProt ID** [Q86U44](#)

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