

## Recombinant Human METTL3 Protein, GST-tagged

**Cat. No.** METTL3-838H    **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>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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>      | MSDTWSSIQAHHKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPVPTAPTSGGPKPSTASAVPELATDPELEKLLHHLSDLALTLPDVAISICLAISTPDAPATQDGVESLLQKFAAQELIEVKRGLLQDDAHTLVTYADHSKLSAMMGAVAEEKKGPGGEVAGTVTGQKRRAEQDSTTVAAFASSLVSGLNSSASEPAKEPAKKSRKHAASDVDLEIESLLNQSTKEQQSKKVSQEILELLNTTTAKEQSIVEKFRSRGRAQVQEFCDYGTKEECMKASDADRPCRKLHFRRRIINKHTDESLGDCSFLNTCFHMDTCKYVHYEIDACMDSEAPGSKDHTPSQELALTQSVGGDSSADRLFPPQWICCDIRYLDVSILGKFAVVMADPPWDIHMELPYGTLTDDMRRLNIPVLQDDGFLFLWVTGRAMELGRECLNLWGYERVDEIIVVKTNLQRIIRTGRTGHWLNHGKEHCLVGVKGNPQGFGNQLDCDVIVAEVRSTSHKPDEIYGMIERLSPGTRKIELFGRPHNVQPNWITLGNQLDGIHLLDPDVVARFK |

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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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