

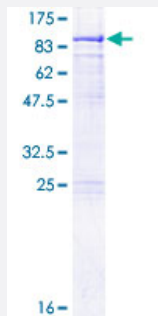
Full-Length

METTL3 (Human) Recombinant Protein (P01)

Catalog # H00056339-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human METTL3 full-length ORF (NP_062826.2, 1 a.a. - 580 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDTWSSIQAHKKQLDSLRLRERLQRRRKQDSGHLDLRNPEAALSPTFRSDSPVPTAPTSGGPKP
STASAVPELATDPELEKKLLHHLSDLALTLPTDAVSICLAISTPDAPATQDGVESLLQKFAAQELIE
VKRGLLQDDAHTLVYADHSKLSAMMGAVAEKKGPGEVAGTVTGQKRRAEQDSTTVAFASS
LVSGLNSSASEPAKEPAKKSARKHAASDVLEIESLLNQSTKEQQSKKVSQEILELLNTTTAKEQ
SVEKFRSRGRAQVQEFCDYGTKEECMKASDADRPCRKLHFRRIINKHTDESLGDCSFLNTCFHM
DTCKYVHYEIDACMDSEAPGSKDHTPSQELALTQSVGGDSSADRLFPQWICCDIRYLDVSILGK
FAVVMADPPWDIHMELPYGTLTDDMRRLNIPVLQDDGFLFLWVTGRAMELGRECLNLWGYERV
DEIMVKTNQLQRIIRTGRTGHWLNHGKEHCLVGKGNPQGFNQGLDCDVVAEVRSTSHKPDEY
GMIERLSPGTRKIELFGRPHNVQPNWITLGNQLDGIHLLDPDVVARFKQRYPDGIISKPKNL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.9

Interspecies Antigen Sequence

Mouse (97); Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — METTL3

Entrez GeneID	56339
GeneBank Accession#	NM_019852.3
Protein Accession#	NP_062826.2
Gene Name	METTL3
Gene Alias	IME4, M6A, MGC4336, MT-A70, Spo8
Gene Description	methyltransferase like 3
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	N6-adenosine-methyltransferase 70 kDa subunit adoMet-binding subunit of the human mRNA (N6-adenosine)-methyltransferase mRNA m(6)A methyltransferase