

Recombinant Human METTL3 Protein

Cat. No. METTL3-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human METTL3 Protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyl transferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine.
Form	Liquid. In Sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4).
Molecular Mass	~64.4 kDa
AA Sequence	MSDTWSSIQAHHKQLDSLRLQRRLKQDSGHLDLRNPEAALSPTFRSDSPVPTAP TSGGPKPSTASAVPELATDPELEKKLLHHLSDLALTLPTDAVSICLAISTPDAPATQD GVESLLQKFAAQELIEVKRGLLQDDAHTLVITYADHSKLSAMMGAVAEEKKGPEVA GTVTGQKRRAEQDSTTVAAFASSLVSGLNSSASEPAKEPAKKSRKHAASDVDLEIES LLNQSTKEQQSKKVSQEILELLNTTTAKEQSIVEKFRSRGRAQVQEFCDYGTKEEC MKASDADRPCRKLHFRRINKHTDESLGDCSFLNTCFHMDTCKYVHYEIDACMDSEA PGSKDHTPSQELALTQSVGGDSSADRLFPQWICCDIRYLDVSILGKFAVMAAPP WDIHMELPYGTLTDDMRRLNIPVLQDDGFLFLWVTGRAMELGRECLNLWGYERV DEIIVVKTNLQRIIRTGRTHWLNHGKEHCLVGVKGNPQGFNQGLDCDVIVAEVR STSHKPDEIYGMIERLSPGTRKIELFGRPHNVQPNWITLGNQLDGIHLLDPDVARFK QRYPDGIISKPKNL

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Purity	>90%
Storage	Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.27 mg/ml
Official Full Name	Methyltransferase 3, N6-adenosine-methyltransferase complex catalytic subunit

GENE INFORMATION

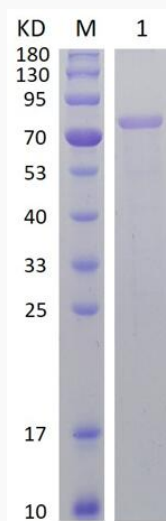
Gene Name	METTL3 methyltransferase 3, N6-adenosine-methyltransferase complex catalytic subunit [Homo sapiens (human)]
Official Symbol	METTL3
Synonyms	M6A; IME4; Spo8; MT-A70; hMETTL3
Gene ID	56339
mRNA Refseq	NM_019852
Protein Refseq	NP_062826
MIM	612472
UniProt ID	Q86U44

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SDS-PAGE



12% SDS-PAGE analysis profiles of purified Human METTL3 (CBB stained).

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