

Recombinant Full Length Human METTL1 Protein, GST-tagged

Cat. No. METTL1-6157HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human METTL1 full-length ORF (NP_005362.1, 1 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	276 amino acids
Description	This gene is similar in sequence to the <i>S. cerevisiae</i> YDL201w gene. The gene product contains a conserved S-adenosylmethionine-binding motif and is inactivated by phosphorylation. Alternative splice variants encoding different protein isoforms have been described for this gene. A pseudogene has been identified on chromosome X. [provided by RefSeq]
Molecular Mass	57.9 kDa
AA Sequence	MAAETRVAGAEAPPPQKRYRQRAHSNPMADHTLRYPVKPEEMDWSELYPEFFA PLTQNGSHDDPKDKKEKRAQAQVEFADIGCGYGGLLVLSPLFPDTLILGLEIRVKVS DYVQDRIRALRAAPAGGFQNIACLRSNAMKHLNFFYKGQLTKMFFLFPDPHFKRTK HKWRIISPTLLAEYAYVLRVGGGLVYTITDVLELHDWMCTHFEEHPLFERVPLEDLSED PVVGHLGTSTEEGKKVLRNGGKNFPAIFRRIQDPVLQAVTSQTSPLPGH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	METTL1 methyltransferase like 1 [Homo sapiens]
Official Symbol	METTL1
Synonyms	METTL1; methyltransferase like 1; C12orf1, methyltransferase like 1; tRNA (guanine-N(7))-methyltransferase; TRM8; D1075-like gene product; methyltransferase-like 1; tRNA(m7G46)-methyltransferase; methyltransferase-like protein 1; tRNA (guanine(46)-N(7))-methyltransferase; C12orf1; YDL201w; FLJ95748;
Gene ID	4234
mRNA Refseq	NM_005371
Protein Refseq	NP_005362
MIM	604466
UniProt ID	Q9UBP6