

Recombinant Full Length Human METTL1 Protein, His tagged

Cat. No. METTL1-29205TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human METTL1 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-276 aa
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.
AASequence	MGSSHHHHHSSGLVPRGSHMAAETRNVAGAEAPPPQKRYRQRAHSNPMADHT LRYPVKPEEMDWSELYPEFFAPLTQNQSHDDPKDKKEKRAQAQVEFADIGCGYGG LLVELSPLFPDTLILGLEIRVKVSDYVQDRIRALRAAPAGGFQNIACLRSNAMKHLPNF FYKGQLTKMFFLPDPHFKRTKHKWRIISPTLLAEYAYVLRVGGLVYTITDVLELHDW MCTHFEEHPLFERVPLEDLSEDPVVGHLGTSTEEGKKVLRNGGKNFPAIFRRIQDPV LQAVTSQTSLPGH
Molecular Mass	34 kDa
Purity	> 90% by SDS-PAGE

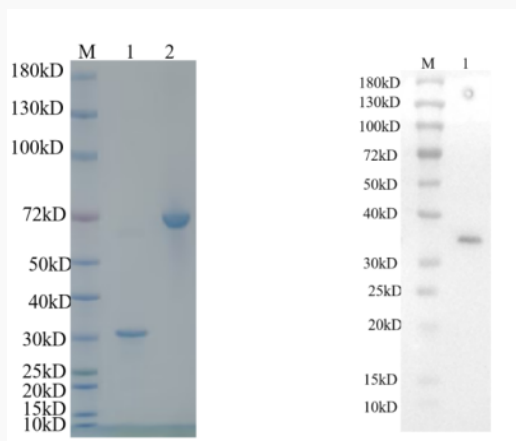
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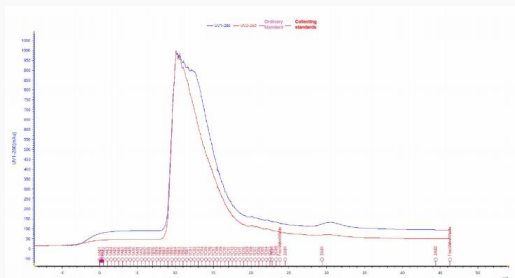
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 50mM Tris, pH7.0, 300mM NaCl, 5mM DTT
Concentration	1.42 mg/mL by Bradford
GENE INFORMATION	
Gene Name	METTL1 methyltransferase like 1 [Homo sapiens (human)]
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

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified METTL1. 1. METTL1 2. BSA

SEC



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