

Methyltransferase Like 1 Human Recombinant

Item Number	rAP-1926
Synonyms	Methyltransferase-Like 1, TRM8, tRNA(m7G46)-methyltransferase, tRNA (guanine-N(7)-)-methyltransferase , C12orf1, YDL201w, D1075-like gene product, FLJ95748, EC 2.1.1.33.
Description	Recombinant Human METTL1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 296 amino acids (1-276a.a.) and having a molecular mass of 33.6kDa.METTL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UBP6
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAAETRVAG AEAPPQKRY YRQRAHSNPM ADHTLRYPVK PEEMDWSELY PEFFAPLTQN QSHDDPKDKK EKRAQAQVEF ADIGCGYGGL LEVELSPLFPD TLILGLEIRV KVS DYVQDRI RALRAAPAGG FQNIACLRSN AMKHLPNFFY KGQLTKMFFL FPDPHFKRTK HKWRIISPTL LAEYAYVLRV GGLVYTITDV LELHDWMCTH FEEHPLFERV PLEDLSEDPV VGHLGTSTEE GKKVLRNGGK NFPAIFRRIQ DPVLQAVTSQ TSLPGH
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The METTL1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT, 50mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**