

DIM1 Dimethyladenosine Transferase 1 Human Recombinant

Item Number	rAP-2007
Synonyms	Probable dimethyladenosine transferase, DIM1 dimethyladenosine transferase 1 homolog, DIM1 dimethyladenosine transferase 1-like, Probable 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferase, Probable 18S rRNA dimethylase, Probable S-adenosine
Description	DIMT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 334 amino acids (1-313) and having a molecular mass of 37.5kDa. DIMT1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UNQ2
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MMPKVKSGAI GRRRGRQEQR RELKSAGGLM FNTGIGQHIL KNPLI-INSII DKAALRPTDV VLEVGP GTGN MTVKLLEKAK KVVACELDPR LVAELHKRVQ GTPVASKLQV LVGDVLKTDL PFFDTCVANL PYQISSPFVF KLLLHRPFFR CAILMFQREF ALRLVAKPGD KLYCRLSINT QLLARVDHLM KVGKNNFRPP PKVESSVRI EPKNPPPPIN FQEW DGLVRI TFVRKNKTL SAAFKSSA-VQQ LLEKNYRIHC SVHNIIPED FSIADKIQI LTSTGFSDKR ARSMDIDDFI RLLHGFNAEG IHFS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 DIMT1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 30% glycerol, 2mM DTT, 200mM NaCl and 2mM EDTA. Greater than 90.0% 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**