

tRNA Aspartic Acid Methyltransferase 1 Human Recombinant

Item Number	rAP-2001
Synonyms	tRNA (cytosine(38)-C(5))-methyltransferase, DNA (cytosine-5)-methyltransferase-like protein 2, Dnmt2, DNA methyltransferase homolog HsaIIP, DNA MTase homolog HsaIIP, M.HsaIIP, PuMet, TRDMT1, DNMT2, DMNT2, RNMT1, MHSaIIP.
Description	TRDMT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (1-391) and having a molecular mass of 47.2kDa. TRDMT1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O14717
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMEPLRV LELYSVGGM HHALRESCIP AQVVAIDVN TVANEVYKYN FPHTQLLAKT IEGITLEEFD RLSFDMILMS PPCQPFTRIG RQGDMTDSRT NSFLYILDIL PRLQKLPKYI LLENVKGFEV SSTRDLLIQT IENCGFYQE FLLSPTSLGI PNSRLRYFLI AKLQSEPLPF QAPGQVLMF PKIESVHPQK YAMDVENKIQ EKNVEPNISF DGSIQCSGKD AILFKLETAE EIHRKNQQDS DLSVKMLKDF LEDD TDVNQY LLPPKSLRY ALLLDIVQPT CRRSVCFTKG YGSYIEGTGS VLQTAEDVQV ENIYKSLTNL SQEEQITKLL ILKLRYFTP K EIANLLGFPP EFGFPEKITV KQRYRLLGNS
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 TRDMT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. 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**