

Human TRDMT1 Recombinant Protein



RPPB2349

Product Information Protein Information

Product SKU:

RPPB2349

Accession:

O14717

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

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.

Formulation:

The TRDMT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMEPLRV LELYSGVGGM HHALRESCIP AQVVAIDVN TVANEVYKYN
FPHTQLLAKT IEGITLEEFD RLSFDMILMS PPCQPFTRIG RQGDMTDSRT NSFLYILDIL PRLQKLPKYI
LLENVKGFEV SSTRDLLIQT IENCGFYQE FLLSPTSLGI PNSRLRYFLI AKLQSELPF QAPGQVLMFEF
PKIESVHPQK YAMDVENKIQ EKNVEPNISF DGSIQCSGKD AILFKLETAE EIHRKNQQDS DLSVKMLKDF
LEDDTDVNQY LLPPKSLRY ALLLDIVQPT CRRSVCFTKG YGSYIEGTGS VLQTAEDVQV ENIYKSLTNL
SQEEQITKLL ILKLRYFTPK EIANLLGFPP EFGFPEKITV KQRYRLLGNS LNVHVVAKLI KILYE.