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TRDMT1, 1-391aa, Human, His tag, E.coli

产品货号: TP04305

第三版

别名:tRNA (cytosine(38)-C(5))-methyltransferase, M.HsaIIP, PuMet, RNMT1, DNMT2

描述:TRDMT1(tRNA aspartic acid methyltransferase 1), also known as DNMT2, specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp). Recombinant human TRDMT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量:47.2 kDa (415aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMEPLRVLELYSGVGGMHHALRESCIPAQVVAIDVNTVANEVYKYNFPHTQLL
AKTIEGITLEEFDRLSFDMILMSPPCQPFTRIGRQGDMTDSRTNSFLYILDILPRLQKLPKYILLENVKGFEVSSTRDLLIQTIE
CGFQYQEFLLSPTSLGIPNSRLRYFLIAKLQSEPLPFQAPGQVLMFEPKIESVHPQKYAMDVENKIQEKNVEPNISFDGSIQCS
GKDAILFKLETAEEIHRKNQQDSDLSVKMLKDFLEDDTDVNQYLLPPKSLLRYALLLDIVQPTCRRSVCFTKGYGSYIEGTG
SVLQTAEDVQVENIYKSLTNLSQEEQITKLLILKLRYPKEIANLLGFPPEFGFPEKITVKQRYRLLGNSLNVHVVAKLIKILY
E

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.