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DNMT3L, 1-386aa, Human, His tag, E.coli

产品货号: TP01910

第三版

别名:DNA (cytosine-5)-methyltransferase 3-like isoform, DNA (cytosine-5-)-methyltransferase 3-like

描述:DNA (cytosine-5)-methyltransferase 3-like isoform, also known as DNMT3L, is a 387 amino acid protein that contains one ADD-type zinc finger and is a member of the DNMT family. Localized to the nucleus and expressed at low levels in thymus, testis and ovary, DNMT3L does not exhibit DNA methyltransferase activity, but is able to stimulate de novo methylation by DNMT3 and is thought to play a key role in the establishment of genomic imprints. Recombinant human DNMT3L protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

分子量:46.3 kDa (412aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSEFMAAIPALDPEAEPMDVILVGSSSELSSSVSPGTGRDLIAYEVKANQRNIEDICICCG  
SLQVHTQHPLFEGGICAPCKDKFLDALFLYDDDGYQSYCSICCSGETLLICGNPDCTRCYCFECVDSL VGPGTSGKVHAM  
SNWVCYLCLPSSRSGLLQRRRKWRSQKAFYDRESENPLEMFETVPVWRRQPVRVLSLFEDIKKELTSLGFLESGSDPGQLK  
HVVDVTDTVRKDVVEWGPFDLVYGATPPLGHTCDRPPSWYLFQFHRLQYARPKGSPRPFWMFVDNLVLNKEDLDV  
ASRFLEMVPTIPDVHGGSLQNAVVRVWSNIPAIRSSRHVALVSEEELSLAQNKQSSKLAAKWPTKLVKNCFLPLREYFKYF  
STELTSSL

纯度:> 95% by HPLC

浓度:0.25 mg/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.