

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

mutM, 1-269 aa, E.coli, His tag, E.coli

产品货号: TP03051

第三版

别名:Formamidopyrimidine-DNA glycosylase, fpg.

描述:mutM, also known as formamidopyrimidine DNA glycosylase, is a base excision repair enzyme which recognizes and removes a wide range of oxidized purines from correspondingly damaged DNA. This protein is nonredundant and required to rapidly remove its substrate lesions on the chromosome. In addition, it also repaired a significant portion of the lesions recognized by Endo III, suggesting that it plays a prominent role in the global repair of both purine damage and pyrimidine damage in vivo.

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

分子量:32.4 kDa (289aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPPELPEVETSRRGIEPHLVGATILHAVVRNGRLRWPVSEEIYRLSDQPVLVSVQRRAKYLLL
ELPEGWIIIIHLGMSGSLRILPEELPPEKHDHVDLVMNGKVLRYTDPRRFGAWLWTKELEGHNVLTHLGPEPLSDDFNGEY
LHQKCAKKKTAIKPWLMDNKL VVG VGN IYASESLFAAGIHPDRLASSLSLAECCELLARVIKAVLLRSIEQGGTTLKDFLQSD
GKPGYFAQELQVYGRKGPCRVCGTPIVATKHAQRATFYCRQCQK

纯度:> 95% by HPLC

浓度:0.5 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.