

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。

MPG, 1-298aa, Human, His tag, E.coli

产品货号: TP03010

第三版

别名:DNA-3-methyladenine glycosylase, AAG, ADPG, anpg, APNG, CRA36.1, MDG, Mid1, PIG11, PIG16

描述:MPG (DNA-3-methyladenine glycosylase) belongs to the DNA glycosylase MPG family. This protein initiates base excision repair in DNA by removing a wide variety of alkylated, deaminated, and lipid peroxidation induced purine adducts. Recombinant human MPG protein, fused to His-tag at C-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 1mM DTT, 30% glycerol, 200mM NaCl, 1mM EDTA

分子量:33.9kDa (306aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

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MVTPALQMKKPKQFCRRMGQKKQRPARGQPHSSSDAAQAPAEQPHSSSDAAQAPCPRERCLGPPTTPGPYRSIYFSSPK  
GHLTRLGLEFFDQPAVPLARAFLGQVLVRRPNGTELRGRIVETEAYLGPEDAAHSRGGRTPRNRGMFMKPGTLYVYII  
YGMYFCMNISSQGDGACVLLRALEPLEGLETMRQLRSTLRKGTASRVLKDRELCSGPKLCQALAINKSFDQRDLAQDEA  
VWLERGPLEPSEPAVVAAARVGVGHAGEWARKPLRFYVRGSPWVSVVDRVAEQDTQALEHHHHHHH
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纯度:> 95% by HPLC

浓度:0.25mg/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.