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Recombinant Human 6-O-Methylguanine-DNA Methyltransferase/MGMT Protein(N-6His)

产品货号: TP05085

第三版

别名: Methylated-DNA--protein-cysteine methyltransferase; 6-O-methylguanine-DNA methyltransferase; O-6-methylguanine-DNA-alkyltransferase; MGMT

描述: MGMT belongs to the family of transferases, specifically those transferring one-carbon group methyltransferases. MGMT involved in the cellular defense against the biological effects of O6-methylguanine in DNA. Repairs alkylated guanine in DNA by stoichiometrically transferring the alkyl group at the O-6 position to a cysteine residue in the enzyme. MGMT catalyzes the chemical reaction: DNA (containing 6-O-methylguanine) and protein-L-cysteine into DNA (without 6-O-methylguanine) and protein S-methyl-L-cysteine.

配方: PBS

分子量: 23.8 kDa

序列: Met 1-Asn207

纯度: > 95% by HPLC

浓度:

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.