

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

OGG1, 1-345aa, Human, His tag, E.coli

产品货号: TP03247

第三版

别名:8-oxoguanine DNA glycosylase 1, HMMH, HOGG1, MUTM, OGH1, AP lyase

描述:OGG1, also known as 8-oxoguanine glycosylase, is a DNA glycosylase enzyme involved in base excision repair. This protein is the primary enzyme responsible for the excision of 7,8-dihydro-8-oxoguanine (8-oxoG), a mutagenic base byproduct which occurs as a result of exposure to reactive oxygen species (ROS). It has a beta lyase activity that nicks DNA 3' to the lesion.

配方:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) Containing 100 mM NaCl, 40% Glycerol

分子量:41.2 kDa(368aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHTGSMPARALLPRRMGHRTLASTPALWASIPCPRSELRLDLVLP SGQSFRWREQSPAHWSG  
VLADQVWTLTQTEQLHCTVYRGDKSQASRPTPDELEAVRKYFQLDVTLAQLYHHWGSVDSHFQEVAQKFQGVRLLR  
QDPIECLFSFICSSNNNIARITGMVERLCQAFGPRLIQLDDVTYHGFP SLQALAGPEVEAHLRKLGLGYRARYVSASARAILE  
EQGGLAWLQQLRESSYEEAHKALCILPGVGTKVADCICLMALDKPQAVPVDVHMWHIAQRDYSWHPTTSQAKGPPSQ  
TNKELGNFFRSLWGPYAGWAQAVLFSADLRQCRHAQEPPAKRRKSGKSGPEG

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.