

Recombinant Human OGG1 (8-oxoguanine DNA glycosylase)

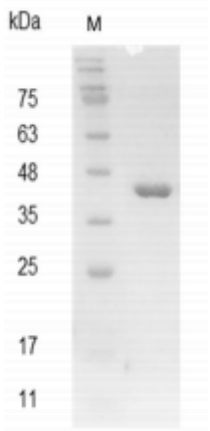
编号:	PY2261	规格:	5 µg 20 µg 100 µg 500 µg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

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

来源: *Escherichia coli*
纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.
内毒素检测: <0.1 EU per 1 µg of the protein by the LAL method.

蛋白序列: MPARALLPRRMGHRRLASTPALWASI
PCPRSELRLDLVPSGQSFRWREQSPA
HWSGVLADQVWTLTQTTEEQLHCTVY
RGDKSQASRPTPDELEAVRKYFQLDVT
LAQLYHHWGSVDSHFQEVAQKFQGV
RLLRQDPIECLFSFICSSNNNIARITGMV
ERLCQAFGPRLIQLDDVTYHGFPSLQA
LAGPEVEAHLRKLGLGYRARYVSASAR
AILEEQGGLAWLQQFRESSYEEAHKAL
CILPGVGTKVADCICLMALDKPQAVPV
DVHMWHIAQRDYSWHPTTSQAKGPS
PQTNKELGNFFRSLWGPYAGWAQAVL
FSADLRQCRHAQEPPAKRRKSGSGPE
G with polyhistidine tag at the C-terminus



SDS- PAGE analysis of Human OGG1

产品组成

成分：从含有 1X PBS， pH 3.5 溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	3到6个月

运输方式：蓝冰

产品使用

- 1、开盖前，建议3000-3500rpm离心5min。
- 2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100µg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。
- 3、重悬后的溶液，2-8℃无菌保存不超过1周。
- 4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1 %BSA、10% FBS 或5% HSA）的溶液进一步稀释（不低于10ug/mL）后分装保存，-20℃至-80℃无菌保存3到6个月。无血清实验需求时，可更换为5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC=Immunohistochemistry;
FACS= Fluorescence activated Cell Sorting; FA= Functional Assay