



Order 021-34695924

orders@ab-mart.com

400-6123-828 Support

support1@ab-mart.com

Web www.ab-mart.com.cn

Synonym/Alternative name(s): HMMH, MUTM, OGH1, HOGG1

Activity: N/A

Protein Description:

☐ 5ug;20ug;100ug;500ug;

OGG1, also known as 8-oxoguanine glycosylase, is the primary enzyme responsible for the excision of 7,8-dihydro-8oxoguanine (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.

Protein Accession: 015527

Gene ID: 4968

Expression Sequence:

MPARALLPRRMGHRTLASTPALWASIPCPRSELRLDLVLPSGQSFRWREQSPAHWSGVLADQVWTLTQTEEQLHCTVYRGDKSQASR PTPDELEAVRKYFQLDVTLAQLYHHWGSVDSHFQEVAQKFQGVRLLRQDPIECLFSFICSSNNNIARITGMVERLCQAFGPRLIQLDDVT YHGFPSLQALAGPEVEAHLRKLGLGYRARYVSASARAILEEQGGLAWLQQLRESSYEEAHKALCILPGVGTKVADCICLMALDKPQAVP VDVHMWHIAQRDYSWHPTTSQAKGPSPQTNKELGNFFRSLWGPYAGWAQAVLFSADLRQCRHAQEPPAKRRKGSKGPEG polyhistidine tag at the C-terminus

Fusion tag: His-tag?at?the?C-terminus

Species: Human Reactivity: Human

Expression Host: Escherichia coli

Source : E. coli Purity/method:

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 μg of the protein by the LAL method.

Calculated Molecular Weight: 39.61 kDa

Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping: Blue Ice

Stability and Storage:

Lyophilized protein should be stored at -20°C for 1 year.

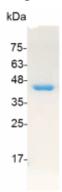
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category: Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human

OGG1