

DNA-formamidopyrimidine glycosylase

Cat. No. EXWM-3977

Lot. No. (See product label)

Introduction

Description

May play a significant role in processes leading to recovery from mutagenesis and/or cell death by alkylating agents. Also involved in the GO system responsible for removing an oxidatively damaged form of guanine (7,8-dihydro-8-oxoguanine) from DNA.

Synonyms

Fapy-DNA glycosylase; deoxyribonucleate glycosidase; 2,6-diamino-4-hydroxy-5N-formamidopyrimidine-DNA glycosylase; 2,6-diamino-4-hydroxy-5(N-methyl)formamidopyrimidine-DNA glycosylase; formamidopyrimidine-DNA glycosylase; DNA-formamidopyrimidine glycosidase; Fpg protein

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.2.2.23

CAS No.

78783-53-6

Reaction

Hydrolysis of DNA containing ring-opened 7-methylguanine residues, releasing 2,6-diamino-4-hydroxy-5-(N-methyl)formamidopyrimidine

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.