Creative Enzymes®

methylated-DNA-[protein]-cysteine S-methyltransferase

Cat. No. EXWM-1965

Lot. No. (See product label)

Introduction

Description	This protein is involved in the repair of alkylated DNA. It acts only on the alkylated DNA (cf. EC 3.2.2.20, DNA-3-methyladenine glycosidase I and EC 3.2.2.21, DNA-3-methyladenine glycosidase II). This enzyme catalyses only one turnover and therefore is not strictly catalytic.

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.63
CAS No.	77271-19-3
Reaction	DNA (containing 6-O-methylguanine) + protein L-cysteine = DNA (without 6-O-methylguanine) + protein S-methyl-L-cysteine
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.