

## methyated-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 °C for short term. For long term storage, store it at -20 °C~-80 °C.