Creative Enzymes®

DNA N6-methyladenine demethylase

Cat. No. EXWM-0670

Lot. No. (See product label)

Introduction

Description	Contains iron(II). Catalyses oxidative demethylation of DNA N6-methyladenine, a prevalent modification in LINE-1 transposons, which are specifically enriched on the human X chromosome.
Synonyms	ALKBH1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.11.51
Reaction	N6-methyladenine in DNA + 2-oxoglutarate + O2 = adenine in DNA + formaldehyde + succinate + CO2
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 ℃.