

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