Creative Enzymes®

mRNA N6-methyladenine demethylase

Cat. No. EXWM-0672

Lot. No. (See product label)

Introduction

Description	Contains iron(II). Catalyses oxidative demethylation of mRNA N6-methyladenine. The FTO enzyme from human can also demethylate N3-methylthymine from single stranded DNA and N3-methyluridine from single stranded RNA with low activity.
Synonyms	ALKBH5; FTO

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.11.53
Reaction	N6-methyladenine in mRNA + 2-oxoglutarate + O2 = adenine in mRNA + 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 ℃.