

## mRNA N1-methyladenine demethylase

Cat. No. EXWM-0673

Lot. No. (See product label)

### Introduction

**Description** Contains iron(II). Catalyses oxidative demethylation of mRNA N1-methyladenine. The enzyme is also involved in alkylation repair in DNA.

**Synonyms** ALKBH3

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.14.11.54

**Reaction** N1-methyladenine in mRNA + 2-oxoglutarate + O<sub>2</sub> = adenine in mRNA + formaldehyde + succinate + CO<sub>2</sub>

**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.