7-methylxanthine demethylase

Cat. No. EXWM-0728

Lot. No. (See product label)

Introduction

Description	A non-heme iron oxygenase. The enzyme from the bacterium Pseudomonas putida prefers NADH over NADPH. The enzyme is specific for 7-methylxanthine. Forms part of the caffeine degradation pathway.
Synonyms	ndmC (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.128
Reaction	7-methylxanthine + O2 + NAD(P)H + H+ = xanthine + NAD(P)+ + H2O + formaldehyde
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 ℃.