Creative Enzymes®

ammonia monooxygenase

Cat. No. EXWM-1050

Lot. No. (See product label)

Introduction

Description	The enzyme catalyses the first reaction in the pathway of ammonia oxidation to nitrite. It contains copper, iron and possibly zinc. The enzymes require two electrons, which are derived indirectly from the quinone pool via a membrane-bound donor.
Synonyms	AMO

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.99.39
Reaction	NH3 + a reduced acceptor + O2 = NH2OH + an acceptor + H2O
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 ℃.