Creative Enzymes®

hydrazine synthase

Cat. No. EXWM-1622

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from anaerobic ammonia oxidizers (anammox bacteria), is one of only two enzymes that are known to form an N-N bond (the other being EC 1.7.1.14, nitric oxide reductase [NAD(P)+, nitrous oxide-forming]). The enzyme from the bacterium Candidatus Kuenenia stuttgartiensis is heterotrimeric and contains multiple c-type cytochromes.
Synonyms	HZS

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.7.2.7
Reaction	hydrazine + H2O + 3 ferricytochrome c = nitric oxide + ammonium + 3 ferrocytochrome c
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 ℃.