Creative Enzymes®

aminopyrimidine aminohydrolase

Cat. No. EXWM-4587

Lot. No. (See product label)

Introduction

Description	Previously known as thiaminase II, this enzyme is involved in the regeneration of the thiamine pyrimidine from degraded products, rather than in thiamine degradation, and participates in thiamine salvage pathways.
Synonyms	thiaminase; thiaminase II; tenA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.99.2
CAS No.	9024-80-0
Reaction	(1) 4-amino-5-aminomethyl-2-methylpyrimidine + H2O = 4-amino-5-hydroxymethyl-2-methylpyrimidine + NH3; (2) thiamine + H2O = 4-amino-5-hydroxymethyl-2-methylpyrimidine + 5-(2-hydroxyethyl)-4-methylthiazole
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 ℃.