

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.