

Native *Bacillus* sp. Pyroglutamate Aminopeptidase

Cat. No. NATE-0647

Lot. No. (See product label)

Introduction

Description Pyroglutamate aminopeptidase is an enzyme that digests proteins.

Applications Pyroglutamate aminopeptidase is used to digest proteins for subsequent analysis, such as amino acid sequencing. Pyroglutamate aminopeptidase is used to hydrolyze and activate various prodrugs.

Synonyms pyroglutamyl-peptidase I; Pyroglutamate aminopeptidase; EC 3.4.19.3; 5-oxopropyl-peptidase; pyrased; pyroglutamate aminopeptidase; pyroglutamyl aminopeptidase; L-pyroglutamyl peptide hydrolase; pyrrolidone-carboxyl peptidase; pyrrolidone-carboxylate peptidase; pyrrolidonyl peptidase; L-pyrrolidonecarboxylate peptidase; pyroglutamidase; pyrrolidonecarboxyl peptidase; 9075-21-2

Product Information

Source *Bacillus* sp.

EC Number EC 3.4.19.3

CAS No. 9075-21-2

Activity > 0.11 units/mg protein

Unit Definition 1 U corresponds to the amount of enzyme which hydrolyzes 1 µmol Pyroglutamate-p-nitroanilide per minute at pH 7.0 and 37°C

Storage and Shipping Information

Storage –20°C