

## pyroglutamyl-peptidase II

Cat. No. EXWM-4090

Lot. No. (See product label)

### Introduction

#### Description

Highly specific for thyrotropin releasing hormone (pyroglutamyl-histidyl-prolylamide). Will not cleave the pyroglutamyl-histidyl bond of luteinizing hormone releasing hormone. Found in serum and brain. Inhibited by metal chelators. In peptidase family M1 (membrane alanyl aminopeptidase family)

#### Synonyms

thyroliberinase; pyroglutamyl aminopeptidase II; thyrotropin-releasing factor pyroglutamate aminopeptidase; pyroglutamate aminopeptidase II; pyroglutamyl peptidase II; thyroliberin-hydrolyzing pyroglutamate aminopeptidase; thyrotropin-releasing hormone-degrading pyroglutamate aminopeptidase; thyrotropin-releasing hormone-degrading peptidase; TRH aminopeptidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.19.6

#### CAS No.

60063-88-9

#### Reaction

Release of the N-terminal pyroglutamyl group from pGlu-His-Xaa tripeptides and pGlu-His-Xaa-Gly tetrapeptides

#### 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.