

## 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.