Creative Enzymes®

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