

## glutaminyl-peptide cyclotransferase

Cat. No. EXWM-2305

Lot. No. (See product label)

### Introduction

#### Description

Involved in the formation of thyrotropin-releasing hormone and other biologically active peptides containing N-terminal pyroglutamyl residues. The enzyme from papaya also acts on glutaminyl-tRNA.

#### Synonyms

glutaminyl-tRNA cyclotransferase; glutaminyl cyclase; glutaminyl-transfer ribonucleate cyclotransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.2.5

#### CAS No.

37257-21-9

#### Reaction

L-glutaminyl-peptide = 5-oxoprolyl-peptide + NH<sub>3</sub>

#### 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.