

## 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.