

D-glutamyltransferase

Cat. No. EXWM-2282

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses two reactions. The first is the transfer of a glutamyl residue from L- or D-glutamine to D-glutamate via a γ linkage, forming γ -glutamyl-D-glutamate, and the second is the transfer of additional glutamyl residues to the peptide, extending the polypeptide chain.

Synonyms

D-glutamyl transpeptidase; D- γ -glutamyl transpeptidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.2.1

CAS No.

9030-02-8

Reaction

(1) D-glutamine + D-glutamate = NH_3 + γ -D-glutamyl-D-glutamate; (2) L(or D)-glutamine + (γ -D-glutamyl) n -[peptide] = NH_3 + (γ -D-glutamyl) $n+1$ -[peptide]

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.