Creative Enzymes®

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 = NH3 + γ-D-glutamyl-D-glutamate; (2) L(or D)-glutamine + (γ-D-glutamyl)n-[peptide] = NH3 + (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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.