

## 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  $\gamma$  linkage, forming  $\gamma$ -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- $\gamma$ -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 =  $\text{NH}_3$  +  $\gamma$ -D-glutamyl-D-glutamate; (2) L(or D)-glutamine + ( $\gamma$ -D-glutamyl) $n$ -[peptide] =  $\text{NH}_3$  + ( $\gamma$ -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.