Creative Enzymes®

glutathione hydrolase

Cat. No. EXWM-4085

Lot. No. (See product label)

Introduction

Description	This protein also has EC 2.3.2.2 (γ-glutamyltransferase) activity. The enzyme consists of two chains that are created by the proteolytic cleavage of a single precursor polypeptide. The N-terminal L-threonine of the C-terminal subunit functions as the active site for both the cleavage and the hydrolysis reactions. The human enzyme also hydrolyses oxidized glutathione and leukotriene C4 with similar efficiency, while the mouse enzyme does not.
Synonyms	glutathionase; GGT (ambiguous); γ-glutamyltranspeptidase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.4.19.13
Reaction	glutathione + H2O = L-cysteinylglycine + L-glutamate
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 ℃.