Creative Enzymes®

enzyme-thiol transhydrogenase (glutathione-disulfide)

Cat. No. EXWM-1673

Lot. No. (See product label)

Introduction

Description	Converts EC 1.17.1.4 xanthine dehydrogenase into EC 1.17.3.2 xanthine oxidase in the presence of glutathione disulfide; also reduces the disulfide bond of ricin. Not inhibited by Cu2+ or thiol reagents.
Synonyms	[xanthine-dehydrogenase]:oxidized-glutathione S-oxidoreductase; enzyme-thiol transhydrogenase (oxidized-glutathione); glutathione-dependent thiol:disulfide oxidoreductase; thiol:disulphide oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.4.7
CAS No.	85030-79-1
Reaction	[xanthine dehydrogenase] + glutathione disulfide = [xanthine oxidase] + 2 glutathione
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 ℃.