Creative Enzymes®

glutathione amide reductase

Cat. No. EXWM-1642

Lot. No. (See product label)

Introduction

Description	A dimeric flavoprotein (FAD). The enzyme restores glutathione amide disulfide, which is produced during the reduction of peroxide by EC 1.11.1.17 (glutathione amide-dependent peroxidase), back to glutathione amide (it catalyses the reaction in the opposite direction to that shown). The enzyme belongs to the family of flavoprotein disulfide oxidoreductases, but unlike other members of the family, which are specific for NADPH, it prefers NADH.
Synonyms	GAR

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.1.16
Reaction	2 glutathione amide + NAD+ = glutathione amide disulfide + NADH + H+
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 ℃.