Creative Enzymes®

bis-γ-glutamylcystine reductase

Cat. No. EXWM-1639

Lot. No. (See product label)

Introduction

Description	Contains FAD. The enzyme, which is found only in halobacteria, maintains the concentration of γ-glutamylcysteine, the major low molecular weight thiol in halobacteria. Not identical with EC 1.8.1.7 (glutathione-disulfide reductase) or EC 1.8.1.14 (CoA-disulfide reductase).
Synonyms	NADPH2:bis-γ-glutamylcysteine oxidoreductase; GSR

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.1.13
CAS No.	117056-54-9
Reaction	2 γ-glutamylcysteine + NADP+ = bis-γ-glutamylcystine + NADPH + 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 ℃.