Creative Enzymes®

trypanothione-disulfide reductase

Cat. No. EXWM-1638

Lot. No. (See product label)

Introduction

Description	Trypanothione disulfide is the oxidized form of N1,N8-bis(glutathionyl)-spermidine from the insect-parasitic trypanosomatid Crithidia fasciculata. The enzyme from Crithidia fasciculata is a flavoprotein (FAD), whose activity is dependent on a redox-active cystine at the active centre. (cf. EC 1.8.1.7, glutathione-disulfide reductase)
Synonyms	trypanothione reductase; NADPH2:trypanothione oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.1.12
CAS No.	102210-35-5
Reaction	trypanothione + NADP+ = trypanothione disulfide + 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 ℃.