Creative Enzymes®

L-methionine (S)-S-oxide reductase

Cat. No. EXWM-1668

Lot. No. (See product label)

Introduction

Description	Requires NADPH. The reaction occurs in the opposite direction to that given above. Dithiothreitol can replace reduced thioredoxin. L-Methionine (R)-S-oxide is not a substrate [see EC 1.8.4.14, L-methionine (R)-S-oxide reductase].
Synonyms	fSMsr; methyl sulfoxide reductase I and II; acetylmethionine sulfoxide reductase; methionine sulfoxide reductase; L-methionine:oxidized-thioredoxin S-oxidoreductase; methionine-S-oxide reductase; free-methionine (S)-S-oxide reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.4.13
Reaction	L-methionine + thioredoxin disulfide + H2O = L-methionine (S)-S-oxide + thioredoxin
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 ℃.