Creative Enzymes®

L-methionine (R)-S-oxide reductase

Cat. No. EXWM-1669

Lot. No. (See product label)

Introduction

Description	Requires NADPH. Unlike EC 1.8.4.12, peptide-methionine (R)-S-oxide reductase, this enzyme cannot use peptide-bound methionine (R)-S-oxide as a substrate. Differs from EC 1.8.4.13, L-methionine (S)-S-oxide in that L-methionine (S)-S-oxide is not a substrate.
Synonyms	fRMsr; FRMsr; free met-R-(o) reductase; free-methionine (R)-S-oxide reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.8.4.14
CAS No.	945954-12-1
Reaction	L-methionine + thioredoxin disulfide + H2O = L-methionine (R)-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 ℃.