

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.