

## adenylyl-sulfate reductase (thioredoxin)

Cat. No. EXWM-1665

Lot. No. (See product label)

### Introduction

#### Description

Uses adenylyl sulfate, not phosphoadenylyl sulfate, distinguishing this enzyme from EC 1.8.4.8, phosphoadenylyl-sulfate reductase (thioredoxin). Uses thioredoxin as electron donor, not glutathione or other donors, distinguishing it from EC 1.8.4.9 [adenylyl-sulfate reductase (glutathione)] and EC 1.8.99.2 (adenylyl-sulfate reductase).

#### Synonyms

thioredoxin-dependent 5'-adenylylsulfate reductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.8.4.10

#### Reaction

AMP + sulfite + thioredoxin disulfide = 5'-adenylyl sulfate + 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.