

## phosphoadenylyl-sulfate reductase (thioredoxin)

Cat. No. EXWM-1674

Lot. No. (See product label)

### Introduction

**Description** Specific for PAPS. The enzyme from Escherichia coli will use thioredoxins from other species.

**Synonyms** PAPS reductase, thioredoxin-dependent; PAPS reductase; thioredoxin:adenosine 3'-phosphate 5'-phosphosulfate reductase; 3'-phosphoadenylylsulfate reductase; thioredoxin:3'-phospho-adenylylsulfate reductase; phosphoadenosine-phosphosulfate reductase; adenosine 3',5'-bisphosphate,sulfite:oxidized-thioredoxin oxidoreductase (3'-phosphoadenosine-5'-phosphosulfate-forming)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.8.4.8

**CAS No.** 9068-63-7

**Reaction** adenosine 3',5'-bisphosphate + sulfite + thioredoxin disulfide = 3'-phosphoadenylyl 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.