

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.