Creative Enzymes®

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