Creative Enzymes®

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