Creative Enzymes®

serine-tRNA ligase

Cat. No. EXWM-5642

Lot. No. (See product label)

Introduction

Description	This enzyme also recognizes tRNASec, the special tRNA for selenocysteine, and catalyses the formation of L-seryl-tRNASec, the substrate for EC 2.9.1.1, L-seryl-tRNASec selenium transferase.
Synonyms	seryl-tRNA synthetase; SerRS; seryl-transfer ribonucleate synthetase; seryl-transfer RNA synthetase; seryl-transfer ribonucleic acid synthetase; serine translase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.1.1.11
CAS No.	9023-48-7
Reaction	ATP + L-serine + tRNASer = AMP + diphosphate + L-seryl-tRNASer
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 ℃.