cysteine-tRNA ligase

Cat. No. EXWM-5647

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, to be specific those forming carbon-oxygen bonds in aminoacyl-tRNA and related compounds. This enzyme participates in cysteine metabolism and aminoacyl-trna biosynthesis.
Synonyms	cysteinyl-tRNA synthetase; cysteinyl-transferRNA synthetase; cysteinyl-transfer ribonucleate synthetase; cysteine translase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.1.1.16
CAS No.	37318-56-2
Reaction	ATP + L-cysteine + tRNACys = AMP + diphosphate + L-cysteinyl-tRNACys
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 ℃.