asparagine-tRNA ligase

Cat. No. EXWM-5654

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 alanine and aspartate metabolism and aminoacyl-trna biosynthesis.
Synonyms	asparaginyl-tRNA synthetase; asparaginyl-transfer ribonucleate synthetase; asparaginyl transfer RNA synthetase; asparaginyl transfer ribonucleic acid synthetase; asparagyl-transfer RNA synthetase; asparagine translase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.1.1.22
CAS No.	37211-76-0
Reaction	ATP + L-asparagine + tRNAAsn = AMP + diphosphate + L-asparaginyl-tRNAAsn
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 ℃.