Creative Enzymes®

UDP-N-acetylmuramoylpentapeptide-lysine N6-alanyltransferase

Cat. No. EXWM-2283

Lot. No. (See product label)

Introduction

Description	Also acts on L-seryl-tRNASer.
Synonyms	alanyl-transfer ribonucleate-uridine diphosphoacetylmuramoylpentapeptide transferase; UDP-N-acetylmuramoylpentapeptide lysine N6-alanyltransferase; uridine diphosphoacetylmuramoylpentapeptide lysine N6-alanyltransferase; L-alanyl-tRNA:UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine 6-N-alanyltransferase; L-alanyl-tRNA:UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine N6-alanyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.2.10
CAS No.	37257-26-4
Reaction	L-alanyl-tRNAAla + UDP-N-acetyl-α-D-muramoyl-L-alanyl-D-glutamyl-L-lysyl-D-alanyl-D-alanine = tRNAAla + UDP-N-acetyl-α-D-muramoyl-L-alanyl-D-glutamyl-N6-(L-alanyl)-L-lysyl-D-alanyl-D-alanine
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 ℃.