Creative Enzymes®

tRNA-dihydrouridine16/17 synthase [NAD(P)+]

Cat. No. EXWM-1357

Lot. No. (See product label)

Introduction

Description	A flavoprotein. The enzyme specifically modifies uracil16 and uracil17 in tRNA.
Synonyms	Dus1p; tRNA-dihydrouridine synthase 1

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.88
Reaction	(1) 5,6-dihydrouracil16 in tRNA + NAD(P)+ = uracil16 in tRNA + NAD(P)H + H+; (2) 5,6-dihydrouracil17 in tRNA + NAD(P)+ = uracil17 in tRNA + NAD(P)H + H+
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 ℃.