Creative Enzymes®

pseudouridylate synthase

Cat. No. EXWM-5056

Lot. No. (See product label)

Introduction

Description	The reaction it readily reversible. While the enzymes from Tetrahymena pyriformis and Agrobacterium tumefaciens produce pseudouridine 5'-phosphate the enzyme from Escherichia coli functions as a pseudouridine-5'-phosphate glycosidase in vivo.
Synonyms	pseudouridylic acid synthetase; pseudouridine monophosphate synthetase; 5-ribosyluracil 5-phosphate synthetase; pseudouridylate synthetase; upsilonUMP synthetase; uracil hydro-lyase (adding D-ribose 5-phosphate); YeiN; pseudouridine-5'-phosphate glycosidase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.70
CAS No.	9023-35-2
Reaction	uracil + D-ribose 5-phosphate = pseudouridine 5'-phosphate + H2O
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 ℃.