Creative Enzymes®

epoxyqueuosine reductase

Cat. No. EXWM-1105

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses the last step in the bacterial biosynthetic pathway to queuosine, the modified guanosine base in the wobble position in tRNAs specific for Tyr, His, Asp or Asn.
Synonyms	oQ reductase; QueG

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.17.99.6
Reaction	queuosine34 in tRNA + acceptor + H2O = epoxyqueuosine34 in tRNA + reduced acceptor
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 ℃.