

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.