

## 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

queuosine<sup>34</sup> in tRNA + acceptor + H<sub>2</sub>O = epoxyqueuosine<sup>34</sup> 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.