

## pseudaminic acid synthase

Cat. No. EXWM-2836

Lot. No. (See product label)

### Introduction

**Description** The enzyme requires a divalent metal ion, the highest activity values are observed in the presence of Mn<sup>2+</sup> and Co<sup>2+</sup> (10 mM).

**Synonyms** PseI; NeuB3

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.97

**Reaction** phosphoenolpyruvate + 2,4-bis(acetylamino)-2,4,6-trideoxy-β-L-altropyranose + H<sub>2</sub>O = 5,7-bis(acetylamino)-3,5,7,9-tetradeoxy-L-glycero-α-L-manno-2-nonulopyranosonic acid + phosphate

**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.