

## 3-deoxy-D-glycero-D-galacto-nononate 9-phosphatase

Cat. No. EXWM-3612

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, characterized from the bacterium *Bacteroides thetaiotaomicron*, is part of the biosynthesis pathway of the sialic acid 3-deoxy-D-glycero-D-galacto-nononate (KDN). KDN is abundant in extracellular glycoconjugates of lower vertebrates such as fish and amphibians, but is also found in the capsular polysaccharides of bacteria that belong to the *Bacteroides* genus.

#### Synonyms

2-keto-3-deoxy-D-glycero-D-galactonononate-9-phosphate phosphatase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.1.3.103

#### Reaction

3-deoxy-D-glycero-D-galacto-nononate 9-phosphate + H<sub>2</sub>O = 3-deoxy-D-glycero-D-galacto-nononate + 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.