

## 8-amino-3,8-dideoxy- $\alpha$ -D-manno-octulosonate transaminase

Cat. No. EXWM-2849

Lot. No. (See product label)

### Introduction

**Description** The enzyme, characterized from the bacterium *Shewanella oneidensis*, forms 8-amino-3,8-dideoxy- $\alpha$ -D-manno-octulosonate, an aminated form of Kdo found in lipopolysaccharides of members of the *Shewanella* genus. cf. EC 1.1.3.48, 3-deoxy- $\alpha$ -D-manno-octulosonate 8-oxidase.

**Synonyms** kdnA (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.6.1.109

**Reaction** 8-amino-3,8-dideoxy- $\alpha$ -D-manno-octulosonate + 2-oxoglutarate = 8-dehydro-3-deoxy- $\alpha$ -D-manno-octulosonate + L-glutamate

**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.