

## N-acetylneuraminate synthase

Cat. No. EXWM-2793

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of transferases, specifically those transferring aryl or alkyl groups other than methyl groups. This enzyme participates in aminosugars metabolism.

**Synonyms** (NANA)condensing enzyme; N-acetylneuraminate pyruvate-lyase (pyruvate-phosphorylating); NeuAc synthase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.5.1.56

**CAS No.** 37290-66-7

**Reaction** phosphoenolpyruvate + N-acetyl-D-mannosamine + H<sub>2</sub>O = phosphate + N-acetylneuraminate

**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.