

## neamine phosphoribosyltransferase

Cat. No. EXWM-2678

Lot. No. (See product label)

### Introduction

**Description** Involved in the biosynthetic pathways of several clinically important aminocyclitol antibiotics, including ribostamycin, neomycin and butirosin. The enzyme requires a divalent metal ion, optimally Mg<sup>2+</sup>, Ni<sup>2+</sup> or Co<sup>2+</sup>.

**Synonyms** btrL (gene name); neoM (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.2.49

**Reaction** neamine + 5-phospho- $\alpha$ -D-ribose 1-diphosphate = 5''-phosphoribostamycin + diphosphate

**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.