

## UDP-N-acetylgalactosamine-undecaprenyl-phosphate N-acetylgalactosaminophosphotransferase

Cat. No. EXWM-3340

Lot. No. (See product label)

### Introduction

**Description** The enzyme catalyses a step in the assembly of the repeating-unit of the O-antigen of the Gram-negative bacterium *Aeromonas hydrophila* AH-3. The enzyme shows no activity with UDP-N-acetyl- $\alpha$ -D-glucosamine (cf. EC 2.7.8.33, UDP-N-acetylglucosamine-undecaprenyl-phosphate N-acetylglucosaminophosphotransferase).

**Synonyms** WecP; UDP-GalNAc:polyprenol-P GalNAc-1-P transferase; UDP-GalNAc:undecaprenyl-phosphate GalNAc-1-phosphate transferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.7.8.40

**Reaction** UDP-N-acetyl- $\alpha$ -D-galactosamine + ditrans,octakis-undecaprenyl phosphate = UMP + N-acetyl- $\alpha$ -D-galactosaminyldiphospho-ditrans,octakis-undecaprenol

**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.