

## $\gamma$ -glutamylanilide synthase

Cat. No. EXWM-5720

Lot. No. (See product label)

### Introduction

**Description** Requires Mg<sup>2+</sup>. The enzyme, characterized from the bacterium *Acinetobacter* sp. YAA, catalyses the first step in the degradation of aniline. It can also accept chlorinated and methylated forms of aniline, preferably in the o- and p-positions.

**Synonyms** atdA1 (gene name); tdnQ (gene name); dcaQ (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.1.18

**Reaction** ATP + L-glutamate + aniline = ADP + phosphate + N5-phenyl-L-glutamine

**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.