Creative Enzymes®

γ-glutamylanilide synthase

Cat. No. EXWM-5720

Lot. No. (See product label)

Introduction

Description	Requires Mg2+. 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, preferrably 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.