

## N-substituted formamide deformylase

Cat. No. EXWM-4483

Lot. No. (See product label)

### Introduction

**Description** Zinc is a cofactor. While N-benzylformamide is the best substrate, the enzyme from *Arthrobacter pascens* can also act on the N-substituted formamides N-butylformamide, N-allylformamide, N-[2-(cyclohex-1-enyl)ethyl]formamide and N-(1-phenylethyl)formamide, but much more slowly. Amides of other acids do not act as substrates.

**Synonyms** NfdA

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.5.1.91

**CAS No.** 115299-95-1

**Reaction** N-benzylformamide + H<sub>2</sub>O = formate + benzylamine

**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.