

## formimidoylglutamate deiminase

Cat. No. EXWM-4515

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amidines. The systematic name of this enzyme class is N-formimidoyl-L-glutamate iminohydrolase. Other names in common use include formiminoglutamate deiminase, and formiminoglutamic iminohydrolase. This enzyme participates in histidine metabolism.

**Synonyms** formiminoglutamate deiminase; formiminoglutamic iminohydrolase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.5.3.13

**CAS No.** 9054-85-7

**Reaction** N-formimidoyl-L-glutamate + H<sub>2</sub>O = N-formyl-L-glutamate + NH<sub>3</sub>

**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.