

coenzyme F420-1:γ-L-glutamate ligase

Cat. No. EXWM-5751

Lot. No. (See product label)

Introduction

Description This protein catalyses the successive addition of two glutamate residues to cofactor F420 by two distinct and independent reactions. In the first reaction (EC 6.3.2.31, coenzyme F420-0-L-glutamate ligase) the enzyme attaches a glutamate via its α-amine group to F420-0. In the second reaction, which is described here, the enzyme catalyses the addition of a second L-glutamate residue to the γ-carboxyl of the first glutamate.

Synonyms F420:γ-glutamyl ligase; CofE-AF; MJ0768; CofE

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.2.34

Reaction GTP + coenzyme F420-1 + L-glutamate = GDP + phosphate + coenzyme γ-F420-2

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.