

tyramine-L-glutamate ligase

Cat. No. EXWM-5794

Lot. No. (See product label)

Introduction

Description

The enzyme, which has been characterized from the archaea *Methanocaldococcus fervens*, participates in the biosynthesis of the cofactor methanofuran. Requires a divalent cation for activity, with Mn^{2+} giving the highest activity, followed by Mg^{2+} , Co^{2+} , Zn^{2+} , and Fe^{2+} .

Synonyms

mfnD (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.4.24

Reaction

ATP + tyramine + L-glutamate = ADP + phosphate + γ -glutamyltyramine

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.