Creative Enzymes®

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 Mn2+ giving the highest activity, followed by Mg2+, Co2+, Zn2+, and Fe2+.
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.