lysine-8-amino-7-oxononanoate transaminase

Cat. No. EXWM-2845

Lot. No. (See product label)

Introduction

Description	A pyridoxal 5'-phosphate enzyme. Participates in the pathway for biotin biosynthesis. The enzyme from the bacterium Bacillus subtilis cannot use S-adenosyl-L-methionine as amino donor and catalyses an alternative reaction for the conversion of 8-amino-7-oxononanoate to 7,8-diaminononanoate (cf. EC 2.6.1.62, adenosylmethionine-8-amino-7-oxononanoate transaminase).
Synonyms	DAPA aminotransferase (ambiguous); bioA (gene name) (ambiguous); bioK (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.105
Reaction	L-lysine + 8-amino-7-oxononanoate = (S)-2-amino-6-oxohexanoate + 7,8-diaminononanoate
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 ℃.