Creative Enzymes®

(S)-3,5-dihydroxyphenylglycine transaminase

Cat. No. EXWM-2843

Lot. No. (See product label)

Introduction

Description	A pyridoxal-5'-phosphate protein. The enzyme from the bacterium Amycolatopsis orientalis catalyses the reaction in the reverse direction as part of the biosynthesis of the (S)-3,5-dihydroxyphenylglycine constituent of the glycopeptide antibiotic chloroeremomycin.
Synonyms	HpgT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.103
Reaction	(S)-3,5-dihydroxyphenylglycine + 2-oxoglutarate = 2-(3,5-dihydroxyphenyl)-2-oxoacetate + L-glutamate
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 ℃.