(4S)-4-hydroxy-2-oxoglutarate aldolase

Cat. No. EXWM-4919

Lot. No. (See product label)

Introduction

Description	The enzyme from the bacterium Escherichia coli is specific for the (S) enantiomer. That enzyme is trifunctional, and also catalyses the reactions of EC 4.1.1.3, oxaloacetate decarboxylase and EC 4.1.2.14, 2-dehydro-3-deoxy-phosphogluconate aldolase. cf. EC 4.1.3.16, 4-hydroxy-2-oxoglutarate aldolase.
Synonyms	2-oxo-4-hydroxyglutarate aldolase (ambiguous); hydroxyketoglutaric aldolase (ambiguous); 4-hydroxy-2-ketoglutaric aldolase (ambiguous); 2-keto-4-hydroxyglutaric aldolase (ambiguous); 4-hydroxy-2-ketoglutarate aldolase (ambiguous); 2-keto-4-hydroxyglutarate aldolase (ambiguous); 2-oxo-4-hydroxyglutaric aldolase (ambiguous); hydroxyketoglutarate aldolase (ambiguous); 2-keto-4-hydroxybutyrate aldolase (ambiguous); 4-hydroxy-2-oxoglutarate glyoxylate-lyase (ambiguous); eda (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.3.42
CAS No.	9030-81-3
Reaction	(4S)-4-hydroxy-2-oxoglutarate = pyruvate + glyoxylate
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 ℃.