Creative Enzymes®

L-2-hydroxyglutarate dehydrogenase

Cat. No. EXWM-0449

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with other acceptors. The systematic name of this enzyme class is (S)-2-hydroxyglutarate:acceptor 2-oxidoreductase.
Synonyms	α-ketoglutarate reductase; α-hydroxyglutarate dehydrogenase; L-α-hydroxyglutarate dehydrogenase; hydroxyglutaric dehydrogenase; α-hydroxyglutarate oxidoreductase; L-α-hydroxyglutarate:NAD+ 2-oxidoreductase; α-hydroxyglutarate dehydrogenase (NAD+ specific); (S)-2-hydroxyglutarate:(acceptor) 2-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.99.2
CAS No.	9028-80-2
Reaction	(S)-2-hydroxyglutarate + acceptor = 2-oxoglutarate + reduced acceptor
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 ℃.