Creative Enzymes®

7-hydroxymethyl chlorophyll a reductase

Cat. No. EXWM-1097

Lot. No. (See product label)

Introduction

Description	Contains FAD and an iron-sulfur center. This enzyme, which is present in plant chloroplasts, carries out the second step in the conversion of chlorophyll b to chlorophyll a (cf. EC 1.1.1.294, chlorophyll(ide) b reductase). It similarly reduces chlorophyllide a.
Synonyms	HCAR

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.17.7.2
Reaction	71-hydroxychlorophyll a + 2 reduced ferredoxin + 2 H+ = chlorophyll a + 2 oxidized ferredoxin + H2O
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 ℃.