Creative Enzymes®

transketolase

Cat. No. EXWM-2025

Lot. No. (See product label)

Introduction

Description	A thiamine-diphosphate protein. Wide specificity for both reactants, e.g. converts hydroxypyruvate and R-CHO into CO2 and R-CHOH-CO-CH2OH. The enzyme from the bacterium Alcaligenes faecalis shows high activity with D-erythrose 4-phosphate as acceptor.
Synonyms	glycolaldehydetransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.2.1.1
CAS No.	9014-48-6
Reaction	sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ribose 5-phosphate + D-xylulose 5-phosphate
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 ℃.