Creative Enzymes®

thyroid-hormone transaminase

Cat. No. EXWM-2865

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. Acts on monoiodotyrosine, diiodotyrosine, triiodothyronine, thyroxine and dinitrotyrosine (unlike EC 2.6.1.24 diiodotyrosine transaminase, which does not act on dinitrotyrosine). Pyruvate or oxaloacetate can act as acceptors.
Synonyms	3,5-dinitrotyrosine transaminase; thyroid hormone aminotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.26
CAS No.	51004-29-6
Reaction	L-3,5,3'-triiodothyronine + 2-oxoglutarate = 3-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl]-2-oxopropanoate + 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 ℃.