

Phosphotransacetylase from *Bacillus subtilis*, Recombinant

Cat. No. NATE-1120

Lot. No. (See product label)

Introduction

Description Phosphotransacetylase converts CoA to acetyl CoA. This enzyme belongs to the family of transferases, specifically those acyltransferases transferring groups other than aminoacyl groups. This enzyme participates in 3 metabolic pathways: taurine and hypotaurine metabolism, pyruvate metabolism, and propanoate metabolism.

Synonyms phosphate acetyltransferase; phosphotransacetylase; phosphoacylase; PTA; EC 2.3.1.8; 9029-91-8

Product Information

Source *Bacillus subtilis*

Form Liquid

EC Number EC 2.3.1.8

CAS No. 9029-91-8

Molecular Weight ~ 37kD

Activity ~ 2 KU/mg protein

Unit Definition One Unit is defined as the amount of enzyme required to release one μ mole of acetyl-CoA per minute from Coenzyme A in Tris-HCl buffer at pH 7.4 and 25°C.

Storage and Shipping Information

Storage 4°C