

## 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  $\mu$ 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