

## Active Recombinant *Bacillus stearothermophilus* Phosphotransacetylase

Cat. No. PTA-23B    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                 |                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Species         | <i>Bacillus stearothermophilus</i>                                                                                                |
| Form            | Colorless liquid or White powder                                                                                                  |
| Bio-activity    | Specific Activity: > 3000 U/mg Protein Activity: > 600U/mg solid                                                                  |
| Purity          | > 90%                                                                                                                             |
| Storage         | Store at -20 centigrade for at least 2 years                                                                                      |
| CAS No.         | 9029-91-8                                                                                                                         |
| EC              | 2.3.1.8                                                                                                                           |
| Unit definition | One unit will convert 1.0 $\mu$ mole of CoA to acetyl CoA per min at pH 7.5 at 30 centigrade using acetyl phosphate as substrate. |

### GENE INFORMATION

|                 |                            |
|-----------------|----------------------------|
| Official Symbol | PTA                        |
| Synonyms        | PTA; Phosphotransacetylase |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA