

## Active Recombinant Acetate kinase

**Cat. No.** ACK-026    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Acetate kinase Protein                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                   |
| <b>Description</b>      | Acetate kinase (AK) is defined as an enzyme that catalyzes the conversion of acetate to acetyl phosphate, playing a role in metabolic pathways that generate ATP and assist in the assimilation of acetate in various microbial species. |
| <b>Form</b>             | White lyophilized powder                                                                                                                                                                                                                 |
| <b>Bio-activity</b>     | Specific activity: $\geq 100$ U/mg protein Activity: $\geq 10$ U/mg solid                                                                                                                                                                |
| <b>Purity</b>           | $\geq 94\%$                                                                                                                                                                                                                              |
| <b>Notes</b>            | This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use.                                                                                                                           |
| <b>Storage</b>          | 2-8 centigrade: At least 2 years -20 centigrade: At least 3 years                                                                                                                                                                        |
| <b>EC No.</b>           | 2.7.2.1                                                                                                                                                                                                                                  |

### GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | ACK |
|------------------------|-----|

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**Synonyms**

Acetate kinase; ACK

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