# Active Recombinant Rabbit Pyruvate Kinase

**Cat. No.** PK-03R **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Active Recombinant Rabbit Pyruvate Kinase was expressed in E. coli. |
| **Species** | Rabbit |
| **Source** | E.coli |
| **Description** | Pyruvate kinase (PK) is defined as a key regulatory enzyme in the glycolytic process, whose deficiency is the most common cause of nonspherocytic hemolytic anemia due to glycolysis defects, characterized by ATP depletion and increased production of 2,3-bisphosphoglycerate. |
| **Form** | White powder |
| **Bio-activity** | ≥200 U/mg protein ≥100 U/mg solid |
| **Purity** | > 90 % |
| **Storage** | Store at -20 centigrade for at least 2 years |
| **CAS No.** | 9001-59-6 |
| **EC No.** | 2.7.1.40 |
| **Unit Definition** | One unit will convert 1.0 micromole of Phospho(enol)pyruvate to Pyruvate per min at pH 7.6 at 37 centigrade. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

| | |
|---|---|
| **Official Symbol** | PK |
| **Synonyms** | PK; Pyruvate Kinase |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA