PKM2
Recombinant Human Tumor Type M2 Pyruvate Kinase

Catalog No.	CS127A CS127B CS127C	**Quantity:**	2 µg 10 µg 1 mg

Alternate Names: CTHBP, MGC3932, OIP3, PK3, PKM, TCB, THBP1

Description: Pyruvate kinase is a key enzyme in the glycolytic pathway. The M2 isoenzyme of pyruvate kinase is specifically expressed at high levels in tumor cells, and can be measured in plasma of patients with advanced breast cancer. The marker is useful for measuring disease activity, sensitivity to chemotherapy and recurrence.

Recombinant Human Tumor Type M2 Pyruvate Kinase (PKM2) is produced in E.Coli and is a single, non-glycosylated, polypeptide chain with an amino-terminal hexahistidine tag. The PKM2 is purified by standard chromatographic techniques.

Concentration: 0.9 mg/ml

Protein Accession No: P14618

Source: *E. coli*

Molecular Weight: 62.4 kDa

Formulation: Sterile filtered liquid in 1x PBS + 50% Glycerol.

Purity: >95% by RP-HPLC and SDS-PAGE.

Biological Activity: One unit will form 1.0 µM of phospho (enol) pyruvate to pyruvate per minute at pH 7.5 at 37°C.

Specific Activity: >5.0 U/mg

Storage & Stability: Store at 2-4°C if entire vial will be used within 2-4 weeks. For long term storage, store at -20°C. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com