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PKM
Native Rabbit Pyruvate Kinase

Catalog No.	CSI14991A CSI14991B	**Quantity:**	25 kU 500 kU

Alternate Names: ATP: Pyruvate 2-0-phosphotransferase, PyK, PKLR

Description: Native Rabbit Pyruvate Kinase catalyzes the transfer of a phosphate group from phosphoenolpyruvate (PEP) to ADP.
This transfer yields one molecule of pyruvate and one molecule of ATP.

UniProt ID: P11974

Gene ID: 100008676

Source: Rabbit Muscle

Molecular Weight: 237 kDa (as a tetramer of four equal subunits 57 kDa

Formulation: Lyophilized from Tris-HCl, pH 7.7

Concentration: ≥ 0.40 mg protein/mg solid ($E^{0.1\%}_{280nm}$ = 0.54)

Biological Activity: Defined as one unit will catalyze the conversion of 1.0 micromole of phosphoenolpyruvate to pyruvate per minute at pH 7.6 at 37°C

Specific Activity: ≥ 200 U/mg protein

Reconstitution: **Centrifuge Vial Prior to Opening.** Reconstitute in 0.1 M sodium phosphate, pH 7.6.

Storage & Stability: Upon receipt, store at -20 °C to -80 °C for up to 1 year. Upon reconstitution, store working aliquots at -20 °C to -80 °C for up to 1 year. **Avoid repeated freeze-thaw cycles.**

Contaminants: CPK: ≤ 1.0%
LDH: ≤ 0.01%

Statement: The animal source of this product was at a USDA licensed establishment. The animals received ante and post mortem health inspection at the abattoir, and they were appropriately free from infectious and contagious diseases.

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