

## PKM

### Native Rabbit Pyruvate Kinase

<b>Catalog No.</b>	CSI14991A CSI14991B CSI14991C	<b>Quantity:</b>	25 KU 100 KU 1000 KU
<b>Alternate Names:</b>	Pyruvate kinase PKM, Pyruvate kinase muscle isozyme, ATP: Pyruvate 2-0-phosphotransferase		
<b>Description:</b>	Native Rabbit Pyruvate Kinase catalyzes the transfer of a phosphate group from phosphoenolpyruvate (PEP) to ADP to yield one molecule of pyruvate and one molecule of ATP.		
<b>UniProt ID:</b>	P11974		
<b>Source:</b>	Rabbit skeletal muscle		
<b>Molecular Weight:</b>	237 kDa, tetramer of four identical subunits 57 kDa		
<b>Formulation:</b>	Lyophilized from Tris-HCl, pH 7.7		
<b>Contaminants:</b>	Myokinase < 0.005% GPD < 0.001% CPK < 0.001% ATPase < 0.001% NADH < 0.001% PGM < 0.001%		
<b>Concentration:</b>	≥ 0.60 mg protein/mg solid ( $E^{0.1\%}_{280nm} = 0.54$ )		
<b>Specific Activity:</b>	≥ 200 U/mg protein, lot specific		
<b>Unit Definition:</b>	One unit of enzyme produces 1 μmole pyruvate per minute, at pH 7.6 and 30°C, from PEP in the presence of ADP.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with deionized water or dilute buffer at no less than 0.1 mg/ml		
<b>Storage &amp; Stability:</b>	Upon receipt, store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, store aliquots of stock solution at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Origin:</b>	USA		
<b>Health Statement</b>	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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