



Certificate of Analysis

PKM2 Protein, Human (420 a.a, His)

Cat. No.:	HY-P7803
Batch No.:	228237
Species:	Human
Source:	<i>E. coli</i>
Tag:	His
Accession:	P14618.4 (L61-E480)
Gene ID:	5315
Molecular Weight:	Approximately 55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to couple reaction catalyzed by PKM2 and LDH, detect the consumption of NADH by pyruvate, the product of phosphate (enol) pyruvate monosodium salt hydrate (PEP). Specific activity is ≥12.13 pmol/min/μg was measured under the conditions described.	12.13 pmol/min/μg
Appearance	Solution.	
Concentration	2 mg/mL	
Reconstitution	N/A	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

Caution: Product has not been fully validated for medical applications. For research use only.

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