



Certificate of Analysis

Glucokinase/GCK Protein, Human

Cat. No.:	HY-P75790
Batch No.:	373341
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P35557-1 (L2-Q465)
Gene ID:	2645
Molecular Weight:	Approximately 55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Specific activity is 2022.238 pmol/min/μg. One unit will convert 1 pmoles of D-Glucose to D-Glucose-6-phosphate per minute at pH 8.0 at 37°C.	2022.238 pmol/min/μg
Appearance	Solution	
Concentration	0.5 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA