



Certificate of Analysis

Aldolase B Protein, Human (N-GST)

Cat. No.:	HY-P74419A
Batch No.:	284544
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-GST
Accession:	P05062 (A2-Y364)
Gene ID:	229
Molecular Weight:	Approximately 60 KDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to catalyzes the decomposition of fructose 1,6 bisphosphate in the presence of NADH. The specific activity is 4.1 U/mg.	4.1 U/mg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

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

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