



# Certificate of Analysis

## PSAT1 Protein, Human (His)

Cat. No.:	HY-P78999
Batch No.:	310445
Species:	Human
Source:	<i>E. coli</i>
Tag:	C-6*His
Accession:	Q9Y617-1 (M1-L370)
Gene ID:	29968
Molecular Weight:	Approximately 40 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to produce 3-phosphooxypyruvate. The specific activity is >130 pmol/min/μg.	227.4781 pmol/min/μg
Appearance	Solution	
Concentration	0.5 mg/mL	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. 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 -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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