



Certificate of Analysis

GSTP1 Protein, Rat (His)

Cat. No.:	HY-P72217
Batch No.:	293763
Species:	Rat
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	P04906 (P2-Q210)
Gene ID:	24426
Molecular Weight:	Approximately 24 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the conjugation of reduced glutathione to 1-bromo-2,4-dinitrobenzene. The specific activity is 13117.28 pmol/min/μg, as measured under the described conditions.	13117.28 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
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. 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.

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