

Bioactive

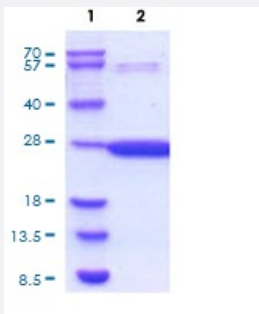
Full-Length

Gstp1 (Mouse) Recombinant Protein

Catalog # P7943

Size 100 ug

Applications



Specification

Product Description

Mouse Gstp1 (P19157, 1 a.a. - 210 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MPPYTIVYFPVRGRCEAMRMLLADQGQSWKEEVVTIDTWMQGLLKPTCLYGQLPKFEDGDLTLY
QSNAILRHLGRSLGLYGKNQREAAQMDMVNDGVEDLRGKYVTIYTNYENGKNDYVKALPGHLKP
FETLLSQNQGGKAFIVGDQISFADYNLLDLLIHQVLAPGCLDNFPLLSAYVARLSARPKIKAFLLSSP
EHVNRPINGNGKQ

Host

Escherichia coli

Theoretical MW (kDa)

26

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS-PAGE

Activity

Specific activity is > 40 unit/mg, and is defined as the amount of enzyme that conjugate 1.0 umole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.

Quality Control Testing

3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

Storage Buffer

In Phosphate-Buffer Saline pH 7.4 (10% glycerol)

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Gstp1

Entrez GeneID [14870](#)

Protein Accession# [P19157](#)

Gene Name Gstp1

Gene Alias GstpiB

Gene Description glutathione S-transferase, pi 1

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations Gst p-1