

Recombinant Hamster Gstp1 Protein, His-tagged

Cat. No. Gstp1-2222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster Gstp1 Protein (Met1-Gln210) with a N-His tag was expressed in E. coli.
Species	Hamster
Source	E.coli
ProteinLength	Met1-Gln210
Description	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.3 kDa Accurate Molecular Mass: 27 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Gstp1 glutathione S-transferase, pi 1 \[Cricetulus griseus \(Chinese hamster\) \]](#)

Official Symbol

[Gstp1](#)

Synonyms

Gstp1; glutathione S-transferase, pi 1; glutathione S-transferase P 1
 GST pi enzyme
 Glutathione S-transferase P
 EC 2.5.1.18

Gene ID

[100689311](#)

mRNA Refseq

[NM_001246744](#)

Protein Refseq

[NP_001233673](#)

UniProt ID

[P46424](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA