

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

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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

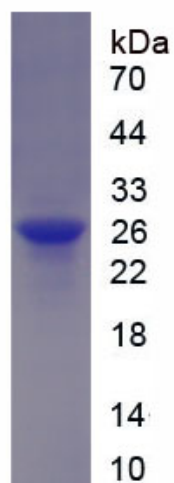
UniProt ID

P46424

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