

AR51998PU-S**Mouse Glutathione S-transferase P 2 (1-210, His-tag) - Purified****Alternate names:**

GSTpiA, Gst-3, Gst3, Gstp2

Quantity:

20 µg

Concentration:

1.0 mg/ml (determined by absorbance at 280nm)

Background:

GSTP2 also known as Glutathione S-transferase P 2 is multifunctional enzymes involved in the protection of cellular components against anti-cancer drugs or peroxidative stress. Down regulation of GSTP2 may induce an increase of oxidative damage in the pyramidal cells of the CA1 and CA3 regions and granular layer of the dentate gyrus, leading to structural and functional damage. Recombinant mouse GSTP2, fused to His-tag at N-terminus was expressed in E.coli and purified by using conventional chromatography techniques.

Uniprot ID:[P46425](#)**NCBI:**[NP_861461](#)**GeneID:**[14869](#)**Species:**

Mouse

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.**Description:****AA Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMPYITV YFPSPGRCEA MRMLLADQGQ SWKEEVVTID
TWMQGLLKPT CLYGQLPKFE DGLTLYQSN AILRHLGRSL GLYGKNQREA AQVDMVNDGV
EDLRGKYGTM IYRNYENGN DYVKALPGHL KPFETLLSQN QGGKAFIVGD QISFYADYNLL
DLLLIHQVLA PGCLDNFPLL SAYVARLSAR PKIKAFLLSSP EHVNRPINGN GKQ

Molecular weight: 25.9 kDa (233aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

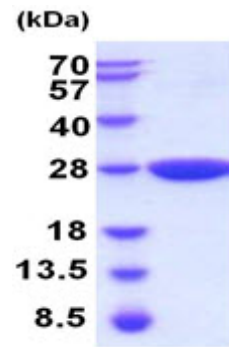
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Ejchel-Cohen TF., et al. (2006) Brain Res. 1090(1): 156-62. Goto S., et al. (2009) Free Radic Biol Med. 46(10): 1392-403.

Pictures:



15% SDS-PAGE (3ug)