

**GSTP2, mouse recombinant**  
**Gst-3, Gst3, GSTpiA, Glutathione S-transferase P2**  
**Catalog # PBV11516r**

**Specification**

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**GSTP2, mouse recombinant - Product info**

Primary Accession [P46425](#)  
Calculated MW **23.5 kDa KDa**

**GSTP2, mouse recombinant - Additional Info**

**Other Names**

Gst-3, Gst3, GSTpiA, Glutathione S-transferase P2

|              |                                                                                                                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Source  | Mouse                                                                                                                                                                                                                                                   |
| Source       | E. coli                                                                                                                                                                                                                                                 |
| Assay&Purity | SDS-PAGE;> 95%                                                                                                                                                                                                                                          |
| Recombinant  | Yes                                                                                                                                                                                                                                                     |
| Sequence     | MPPYTIVYFP SPGRCEAMRM LLADQGQSWK<br>EEVVTIDTWM QLLKPTCLY GQLPKFEDGD<br>LTLYQSNAIL RHLGRSLGLY GKNQREAAQV<br>DMVNDGVEDL RGKYGTMIYR NYENGKNDYV<br>KALPGHLKPF ETLLSQNQGG KAFIVGDQIS<br>FADYNLLDLL LIHQVLAPGC LDNFPLLSAY<br>VARLSARPKI KAFLSSPEHV NRPINGNGKQ |

**Target/Specificity**

Gstp2

**Format**

Liquid

**Storage**

-70°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**GSTP2, mouse recombinant - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**GSTP2, mouse recombinant - Images**

**GSTP2, mouse recombinant - Background**

GSTP2 also known as Glutathione S-transferase P2. Glutathione S-transferases are multifunctional enzymes involved in the protection of cellular components against anti-cancer drugs or peroxidative stress. Downregulation 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 was expressed in E.coli and purified by using conventional chromatography techniques.