

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## **OriGene Technologies GmbH**

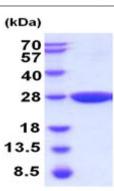
Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AR51998PU-N	Mouse Glutathione S-transferase P 2 (1-210, His-tag) - Purified
Alternate names:	GSTpiA, Gst-3, Gst3, Gstp2
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by absorbance at 280nm)
Background:	GSTP2 also known as Gltathione S-transferase P 2 is multifunctiol 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 functiol damage. Recombint mouse GSTP2, fused to His-tag at N-terminus was expressed in E.coli and purified by using conventiol chromatography techniques.
Uniprot ID:	<u>P46425</u>
NCBI:	<u>NP_861461</u>
GenelD:	<u>14869</u>
Species:	Mouse
Source:	E. coli
Format:	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS - PAGE <b>Buffer System:</b> Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Description:	AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMPPYTIV YFPSPGRCEA MRMLLADQGQ SWKEEVVTID TWMQGLLKPT CLYGQLPKFE DGDLTLYQSN AILRHLGRSL GLYGKNQREA AQVDMVNDGV EDLRGKYGTM IYRNYENGKN DYVKALPGHL KPFETLLSQN QGGKAFIVGD QISFADYNLL DLLLIHQVLA PGCLDNFPLL SAYVARLSAR PKIKAFLSSP 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.

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**Pictures:** 



15% SDS-PAGE (3ug)

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