

Glutathione S-transferase P 2, 1-210aa Mouse, His tag, E.coli

Cat.NO.: TP02270

3th Edition

Synonyms:Gst-3, Gst3, GSTpiA, Gstp2.

Description:GSTP2 also known as Gltathione 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.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight:25.9kDa (233aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMPPYTIVYFPSPGRCEAMRMLLADQGQSWKEEVVTIDTWMQGLLKPTCLY
GQLPKFEDGDLTLYQSNAILRHLGRSLGLYGKNQREAAQVDMVNDGVEDLRGKYGTMIYRNYENGKNDYVKALPG
HLKPFETLLSQNQGGKAFIVGDQISFADYNLLDLLLIHQVLAPGCLDNFPLLSAYVARLSARPKIKAFSSPEHVNRPI
NGNGKQ

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.