

Product information

Gstp2, 1-210aa

Mouse, Recombinant, *E.coli*

Cat. No. IBATGP3315

NCBI Accession No.: NP_861461

Synonyms: Gst-3, Gst3, GSTpiA

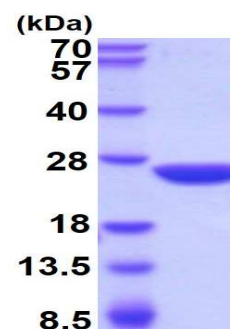
Description: GSTP2 also known as Gltathione S-transferase P2. Glutathione S-transferases are multifunctional enzymes involved in the protection of cellular components against anti-cancer drugs or peroxidative stress. Downregulation of GSTP2 may induce an increase of oxidative damage in the pyramidal 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.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol

Molecular Weight: 23.5kDa (210aa)

Purity: > 95% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MPPYTIVYFP SPGRCEAMRM LLADQQGSWK EEVVTIDTWM QGLLKPTCLY QGLPKFEDGD LTLYQSNAIL RHLGRSLGLY GKNQREAAQV
DMVNDGVEDL RGKYGTMIYR NYENGKNDYV KALPGHLKPF ETLLSQNQQG KAFIVGDQIS FADYNLLDLL LIHQVLAPGC LDNFPLLSAY
VARLSARPKI KAFLSSPEHV NRPINGNGKQ

General references:

Ejchel-Cohen TF., *et al.* (2006) *Brain Res.* 1090(1): 156-62.

Goto S., *et al.* (2009) *Free Radic Bio Med.* 46(10): 1392-403.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.