



本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

GSTP1, 1-210 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02361

第三版

别名: Glutathione S-transferase P, DFN7, FAES3, GST3, PI

**描述:** GSTP1 is a glutathione S-transferase that belongs to the pi class. This enzyme acts by catalyzing the reaction of glutathione with an acceptor molecule to form an S-substituted glutathione (S=sulfur). The reactions utilizing glutathione contribute the transformation of a wide variety of electrophiles, including reactive products of lipid, protein, carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. Recombinant GSTP1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH7.0) containing 30% glycerol, er (pH7.0) containing 30% glycerol,

**分子量:** 27.6 kDa (247 aa), confirmed by MALDI-TOF

**序列:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMPPTYVVYFPVRGRCAALRMLLADQGQSWKEEVTV  
ETWQEGSLKASCLYGQLPKFQDGLTLYQSNTILRHLGRTLGLYGKDQQEAALVDMVNDGVEDLRCKYISLIYTNYEAG  
KDDYVKALPGQLKPFETLLSQNQGGKTFIVGDQISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRLSARPKLKAFLASPE  
YVNLPIGNGKQ

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.