

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GPX3(U73C), 21-226aa, Human, His tag, E.coli

产品货号: TP02328

第三版

别名:Glutathione peroxidase 3, GPx-P, GSHPx-3, GSHPx-P.

描述:GPX3, also known as glutathione peroxidase 3, belongs to the glutathione peroxidase family, which functions in the detoxification of hydrogen peroxide. GPX3 protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione. This protein is one of only a few proteins known in higher vertebrates to contain selenocysteine, which occurs at the active site of glutathione peroxidase and is coded by the nonsense (stop) codon TGA.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT, 50mM Imidazole.

分子量:25.7 kDa (227aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMQSRGQEKSMDCHGGISGTIYEYGALTIDGEEYIPFKQYAGKYVLFVNVASYCGLTGQ
YIELNALQEELAPFGLVILGFPCNQFGKQEPGENSEILPTLKYVRPGGGFVPNFQLFEKGDVNGEKEQKFYTFLLKNSCPTSE
LLGTSDFLWPEPMKVHDIRWNFEKFLVGPDGIPIMRWHRHRTTVSNVKMDILSYMRRQAALGVKRRK

纯度:> 95% by HPLC

浓度:0.25 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.