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GPX2(U40C), 1-190aa, Human, His tag, E.coli

产品货号: TP02327

第三版

别名: Glutathione peroxidase 2, GI-GPx, GPRP, GSHPx-2, GSHPX-GI.

描述: GPX2, also known as glutathione peroxidase 2, belongs to the glutathione peroxidase family, consisting of eight known glutathione peroxidases (Gpx1-8) in humans. Glutathione peroxidase functions in the detoxification of hydrogen peroxide, and is one of the most important antioxidant enzymes in humans. GPX2 could play a major role in protecting mammals from the toxicity of ingested organic hydroperoxides.

配方: Liquid. 20mM Tris-HCl buffer (pH7.5) containing 40% glycerol, 0.15M NaCl, 1mM DTT

分子量: 24.1 kDa (210aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAFIKSFYDLSAISLDGEKVDNFNTFRGRAVLIENVASLCGTTTRDFTQLNELQCRFPRL
VVLGFPCNQFGHQENCQNEEILNSLKYYVRPGGGYQPTFTLVQKCEVNGQNEHPVFAYLKDKLPYPYDDPFSLMTDPKLI
WSPVRRSDVAWNFEKFLIGPEGEFRRYSRTFPTINIEPDIKRLLKVAI

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.