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Glyoxalase I, 1-184 aa, Human, Recombinant, E.coli

产品货号: TP02276

第三版

别名:Lactoylglutathione lyase, Glx 1, GLO-1 Methylglyoxalase, Aldoketomutase

描述:Glyoxalase I, also known as GLO1, belongs to the glyoxalase family. Glyoxalase I is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. This enzyme is ubiquitously expressed and is also present in many tumor cell lines, in which its concentration is often upregulated. Recombinant human GLO1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol

分子量:20.7 kDa (184 aa), confirmed by MALDI-TOF

序列:

MAEPQPPSGGLTDEAALSCGSDADPSTKDFLLQQTMLRVKDPKSLDFYTRVLG MTLIQKCDFPIMKFSLYFLAYEDKNDI  
PKEKDEKIAWALSRKATLELTHNWGTEDDETQSYHNGNSDPRGFGHIGIAVPDVYSACKRFEELGVKFKPDDGKMKG  
LAFIQDPDGYWIEILNPNKMATLM

纯度:> 95% by HPLC

浓度:1 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.