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Gsta1, 1-223aa , Mouse, His tag, E.coli

产品货号: TP02349

第三版

别名:Glutathione S-transferase, A1, Gst2-1, OTTMUSG00000031890

描述:Gsta1 also known as Glutathione S-transferase, A1, belongs to a glutathione S-transferase alpha class and is the most abundantly expressed in liver. This protein functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione. Recombinant mouse Gsta1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量:28kDa (246aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMAGKPVLYHFNARGRMECIRWLLAAAGVEFEEKFIQSPEDLEKLLKKGDNLMFDQV
PMVEIDGMKLAQTRAILNYIATKYDLYGKDMKERALIDMYSEGILDLTEMIGQLVLCPPDQREAKTALAKDRTKNRYLPA
FEKVLKSHGQDYLVGNRLTRVDIHLLEVLVVEEFDASLLTPFLLKAFKSRISLNPVKKFLQPGSQRKPPMDAKQIQEARK
AFKIQ

纯度:> 95% by HPLC

浓度:1mg/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.