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GSTA1, 1-222aa, Human, E.coli

产品货号: TP02348

第三版

别名: Glutathione S-transferase alpha 1, GST2, GSTA1-1, GTH1

描述: GSTA1, also known as Glutathione S-transferase alpha 1, 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 human GSTA1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol

分子量: 25.6 kDa (222aa), confirmed by MALDI-TOF

序列:

MAEKPKLHYFNARGRMESTRWLLAAAGVEFEEKFIKSAEDLDKLRNDGYLMFQQVPMVEIDGMKLVQTRAILNYIASKY  
NLYGKDIKERALIDMYIEGIADLGEMILLPVCPPEEKDAKLALIKEKIKNRYFPFAFEKVLKSHGQDYLVGNKLSRADIHLVE  
LLYYVEELDSSLISSFLLKALKTRISNLPTVKKFLQPGSPRKPPMDEKSLEEARKIFRF

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.