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GSTA4, 1-222aa, Human, His tag, E.coli

产品货号: TP02350

第三版

别名: Glutathione S-transferase alpha 4, GSTA4-4, GTA4.

描述: GSTA4, also known as glutathione S-transferase A4, belongs to the GST superfamily. This enzyme is involved in cellular defense against toxic, carcinogenic, and pharmacologically active electrophilic compounds. GSTA4 shows very high activity with reactive carbonyl compounds such as alk-2-enals.

配方: Liquid. In 20 mM Tris-HCl buffer, pH8.0, 20% glycerol, 2mM DTT, 100mM NaCl

分子量: 28.3kDa (246aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMAARPKLHYPNGRGRMESVRWVLAAGVEFDEEFLETKEQLYKLQDGNHLLFQ
QVPMVEIDGMKLVQTRSILHYIADKHNLFQKLNKERTLIDMYVEGTLDLLELLIMHPFLKPDQDQKEVVNMAQKAIIRYF
PVFEKILRGHGQSFLVGNQLSLADVILLQTILALEEKIPNILSAFPFLQEYTVKLSNIPTIKRFLEPGSKKKPPPDEIYVRTVYNIF
RP

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.