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GSTM4, 1-218aa, Human, His tag, E.coli

产品货号: TP02357

第三版

**别名:**Glutathione S-transferase Mu 4 isoform 1, GSTM4-4, GTM4, GST class-mu 4, GST-Mu2

**描述:**Glutathione S-transferase Mu 4 isoform 1, also known as GSTM4, is member of the glutathione transferase (GST) family of proteins. There are eight families of GST proteins, namely alpha, kappa, mu, omega, pi, sigma, theta and zeta, each of which is composed of proteins that have a variety of functions throughout the cell. The mu class of enzymes functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol, 50mM NaCl

**分子量:**27.7kDa (238aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMSMTLGYWDIRGLAHAIRLLLEYTDSSYEKKYTMGDAPDYDRSQWLNEKFKLGLDFPN  
LPYLIDGAHKITQSNAILCYIARKHNLCGETEEEEKIRVDILENQAMDVSNQLARVCYSPDFEKLKPEYLEELPTMMQHFSQF  
LGKRPWFVGDKITFVDFLAYDVLDLHRIFEPNCLDAFPNLKDFISRFEGLEKISAYMKSSRFLPKPLYTRVAVWGNK

**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.