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Glutathion S-Transferase Mu1, 1-218 aa, Mouse, His-tag, E.coli

产品货号: TP02269

第三版

别名:GSTM1, GST class-mu1, GST 1-1, pmGT10

描述:GSTM1 is a glutathione S-transferase that belongs to the mu class. This enzyme acts by catalyzing the reaction of glutathione with an acceptor molecule to form an S-substituted glutathione (S=sulfur). The reactions utilizing glutathione contribute the transformation of a wide variety of electrophiles, including reactive products of lipid, protein, carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress.

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

分子量:28.1 kDa (238aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPMILGYWNVRGLTHPIRMLLEYTDSSYDEKRYTMGDAPDFDRSQWLNEKFKLGLDFP
NLPYLIDGSHKITQSNAILRYLARKHHL DGETEEERIRADIVENQVMDTRMQLIMLCYNPDFEKQKPEFLKTIPEKMKLYSE
FLGKRPWFAGDKVITYVDFLAYDILDQYRMFEPKCLDAFPNLRDFLARFEGLKKISAYMKSSRYIATPIFSKMAHWSNK

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.