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GSTM1, 1-218 aa, Mouse, Recombinant, E.coli

产品货号: TP02354

第三版

别名: Glutathione S-transferase Mu 1, 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. Recombinant GSTM1 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In PBS (pH7.4) containing 5 mM glutathione

分子量: 25.9 kDa (218 aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MPMILGYWNVRGLTHPIRMLLEYTDSSYDEKRYTMGDAPDFDRSQWLNEKFKLGLDFPNLPYLIDGSHKITQSNAILRYLA
RKHHLGDGETEEERIRADIVENQVMDTRMQLIMLCYNPDFEKQKPEFLKTIPEKMKLYSEFLGKRPWFAGDKVITYVDFLAY
DILDQYRMFEPKCLDAFPNLRDFLARFEGLLKISAYMKSSRYIATPIFSKMAHWSNK

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.