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Glo1, 1-184aa, Mouse, His tag, Baculovirus (Bioactivity Validated)

产品货号: TP02254

第三版

别名: Glyoxalase 1, Lactoylglutathione lyase, 0610009E22Rik, 1110008E19Rik, 2510049H23Rik, AW550643, Glo-1, Glo-1r, Glo-1s, Glo1-r, Glo1-s, GLY1, Qglo

描述: Glo1, also known as lactoylglutathione lyase, is a member of the glyoxalase I family. It plays a critical role in the detoxification of 2-oxoaldehydes, such as methylglyoxal. It involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B. It was identified as a protein marker, which is consistently expressed to a higher extent in LAB-M than in HAB-M mice in several brain areas. Recombinant mouse Glo1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 21.8kDa (192aa), 28-40kDa (SDS-PAGE under reducing conditions)

序列:

MAEPQPASSGLTDETAFCSCSDPDPSTKDFLLQQTMLRIKDPKKSDFYTRVLGLTLLQKLDLFPAMKFSLYFLAYEDKNDIPK
DKSEKTAWTFSRKATLELTHNWGTEDEDETQSYHNGNSDPRGFGHIGIAVPDVYSACKRFEELGVKFKVKKPDDGKMKGL
AFIQDPDGYWIEILNPNKIATIILEHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.