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Glutaredoxin-1,1-106aa, Human, Recombinant, E.coli

产品货号: TP02267

第三版

别名:GLRX, GRX, GRX1, Thioltransferase-1, TTase-1

描述:Glutaredoxin(GRX), also known as thioltransferase, is member of the thiol-disulfide oxidoreductase family. Glutaredoxin catalyzes the reversible reduction of protein-glutathionyl mixed disulfides to free sulfhydryl groups through a monothiol mechanism. Mammalian Glutaredoxin is known to have two isoforms, GRX1 and GRX2. GRX1 is a cytosolic protein, whereas GRX2 is localized both in the mitochondria and nucleus.

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

分子量:11.7 kDa (106 aa) , confirmed by MALDI-TOF

序列:

MAQEFVNCKIQPGKVVVFIKPTCPYCRRAQEILSQLPIKQGLLEFVDITATNHTNEIQDYLQQLTGARTVPRVFIGKDCIG
GCSDLVSLQQSGELLTRLKQIGALQ

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.