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Glutaredoxin-3, 1-335aa, Human, His tag, E.coli

产品货号: TP02268

第三版

别名: Thioredoxin-like protein 2, GLRX3, PICOT, TXNL2, GRX3

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. Glutaredoxin-3 (Grx3/PICOT) is an essential protein involved in the regulation of signal transduction, for instance during immune cell activation and development of cardiac hypertrophy, presumably in response to redox signals.

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

分子量: 39.6kDa (355aa)

序列:

MGSSHHHHHHSSGLVPRGSHMAAGAAEA AVAAVEEVGSAGQFEELLRLKAKSLLVVHFWAPWAPQCAQMNEVMAEL
AKELPQVSFVKLEAEGVPEVSEKYEISSVPTFLFFKNSQKIDRLDGAHAPELTKKVQRHASSGSFLPSANEHLKEDLNLRLKK
LTHAAPCMLFMKGTPEPRCGFSKQMVEILHKHNIQFSSFDIFSDEEVRQGLKAYSSWPTYQQLYVSGELIGGLDIIKELEAS
EELDTICPKAPKLEERLKVLTNKASVMLFMKGNKQEA KCGFSKQILEILNSTGVEYETFDILEDEEVRQGLKAYSNWPTYQ
LYVKGELVGGLDIVKELKENGELLPILRGEN

纯度: > 95% by HPLC

浓度: 0.5 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.