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GLRX5, 1-157aa, Human, His tag, E.coli

产品货号: TP02258

第三版

别名:Glutaredoxin-related protein 5, mitochondrial, C14orf87, GRX5

描述:GLRX5 is small redox enzymes of approximately one hundred amino-acid residues which uses glutathione as a cofactor. This protein is oxidized by substrates, and reduced non-enzymatically by glutathione. It is involved in the biogenesis of iron-sulfur clusters, which are required for normal iron homeostasis. Recombinant  $\pm$  human GLRX5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol0.1M NaCl

分子量:18.8 kDa (177aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSGSLGRAAAALLRWGRGAGGGGLWGPVRAAGSGAGGGGSAEQLDALVKKDKVV  
VFLKGTPEQPQCGFSNAVQILRLHGVRDYAAYNVLDDPELRQGIKDYSNWPTIPQVYLNGEFVGGCDILLQMHQNGD  
LVEELKKLGIHSALLDEKKDQDSK

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.