

Recombinant Human GLRX5 Protein

Cat No. :KF-P2258

表达系统: E. coli

蛋白结构序列: 1-157aa

蛋白编号: Q86SX6

产品别称: Glutaredoxin-related protein 5, mitochondrial, C14orf87, GRX5

分子量: 18.8 kDa (177aa), (SDS-PAGE under reducing conditions)

纯度: >85% as determined by SDS-PAGE.

内毒素: ≤10EU/mg as determined by LAL test.

标签: N-6His

冻干 Buffer: Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

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

运输条件: 2-8℃

保存条件: Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

生物活性: 待查。

功能: 单巯基谷胱甘肽还原酶参与线粒体铁硫 (Fe/S) 簇的转移 (PubMed:2034084, PubMed:23615440)。从支架蛋白 ISCU 接收 2Fe/2S 簇, 并介导它们至载蛋白、4Fe/FS 簇生物合成机器, 或从线粒体中出口 (PubMed:20364084, :23615440, PubMed:24334290)。对于铁硫蛋白 AC01 正常调节血红蛋白合成是必需的 (PubMed:20364084)。

仅供科研或生产使用, 不可直接应用于人体。

