

Recombinant Human Glutaredoxin 5 protein ab95352

[1 References](#) [1 图像](#)

描述

产品名称	重组人Glutaredoxin 5蛋白
纯度	> 85 % SDS-PAGE. Purified using conventional chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SGLVPRGSH MSGSLGRAAA ALLRWGRGAG GGGLWGPVGR AAGSGAGGGG SAEQLDALVK KDKVVVFLKG TPEQPQCGFS NAVVQILRLH GVRDYAAYNV LDDPELRQGI KDYSNWPTIP QVYLNGEFVG GCDILLQMHQ NGDLVEELKK LGIHSALLDE KKDQDSK

技术指标

Our **Abpromise guarantee** covers the use of **ab95352** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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常规信息

功能	Monothiol glutaredoxin involved in the biogenesis of iron-sulfur clusters. Required for normal iron homeostasis. Required for normal regulation of hemoglobin synthesis by the iron-sulfur protein ACO1.
疾病相关	Defects in GLRX5 are a cause of anemia sideroblastic pyridoxine-refractory autosomal recessive (PRARSA) [MIM:205950]. A form of sideroblastic anemia not responsive to pyridoxine. Sideroblastic anemia is characterized by anemia of varying severity, hypochromic peripheral erythrocytes, systemic iron overload secondary to chronic ineffective erythropoiesis, and the presence of bone marrow ringed sideroblasts. Sideroblasts are characterized by iron-loaded mitochondria clustered around the nucleus.
序列相似性	Belongs to the glutaredoxin family. Monothiol subfamily. Contains 1 glutaredoxin domain.
细胞定位	Mitochondrion.

图片



15% SDS-PAGE showing ab95352 at approximately 19 kDa (3 µg).

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