

Datasheet for ABIN666992

GLRX3 Protein (AA 1-335) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | GLRX3 |
| Protein Characteristics: | AA 1-335 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GLRX3 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---|
| Characteristics: | Glutaredoxin-3, 1-335aa, Human, His tag, E.coli |
| Purity: | > 95 % by SDS - PAGE |

Target Details

| | |
|-------------------|---|
| Target: | GLRX3 |
| Alternative Name: | Glutaredoxin-3 (GLRX3 Products) |
| Background: | 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 |

Target Details

response to redox signals. And it has been shown to interact with PRKCQ. Recombinant human Glutaredoxin-3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Thioredoxin-like protein 2, GLRX3, PICOT, TXNL2, GRX3, glutaredoxin 4, bA500G10.4, GLRX4, GRX4, thioredoxin-like 2, thioredoxin-like 2, glutaredoxin 3,. NCBI no.: NP_006532

Molecular Weight: 39.6kDa (355aa), confirmed by MALDI-TOF

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

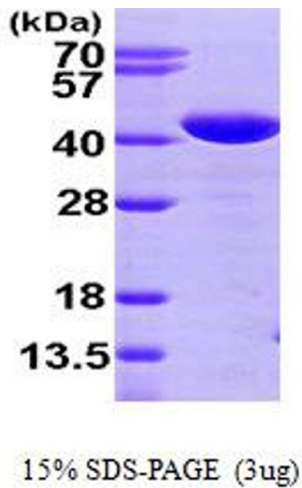
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

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

Storage: 4 °C

Images



SDS-PAGE

Image 1.