

## Product datasheet for **AR09980PU-L**

### Glutaredoxin-2 / GLRX2 (1-215, His-tag) Escherichia coli Protein

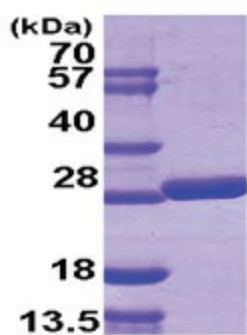
#### Product data:

Product Type:	Recombinant Proteins
Description:	Glutaredoxin-2 / GLRX2 (1-215, His-tag) e. coli recombinant protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MKLYIYDHCP YCLKARMIFG LKNIPVELHV LLNDDAETPT RMVGQKQVPI LQKDDSRYP ESMDIVHYVD KLDGKPLLTG KRSPAIEEWL RKNVGYANKL LLPRFAKSAF DEFSTPAARK YFVDKKEASA GNFADLLAHS DGLIKNISDD LRALDKLIVK PNAVNGELSE DDIQLFLLR NLTLVAGINW PSRVADYRDN MAKQTQINLL SSMAI
Tag:	His-tag
Predicted MW:	26.5 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant E.coli Grx2 (grxB) protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	Glutaredoxin-2 belongs to the glutaredoxin family. Glutaredoxins are small redox enzymes of approximately one hundred amino-acid residues that use glutathione as a cofactor. Glutaredoxins are oxidized by substrates, and reduced non-enzymatically by glutathione. This protein involved in reducing some disulfides in a coupled system with glutathione reductase. It does not act as hydrogen donor for ribonucleotide reductase.



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## Product images:



15% SDS-PAGE (3ug)