9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2398: GRXB Recombinant Protein

Alternative Name : Glutaredoxin-2,Grx2,grxB,b1064,JW1051.

Description

Source : Escherichia Coli. GRXB produced in E.Coli is a single, non-glycosylated polypeptide chain containing 235 amino acids (1-215 a.a.) and having a molecular mass of 26.5kDa.GRXB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Glutaredoxin-2 (GrxB) is amember of the glutaredoxin family. Glutaredoxins are small redox enzymes of approximately 100 amino-acid residues which use glutathione as a cofactor. Glutaredoxins are oxidized by substrates, and reduced non-enzymatically by glutathione. GrxB is involved in reducing some disulfides in a coupled system with glutathione reductase. GrxB doesn't act as hydrogen donor for ribonucleotide reductase.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	GRXB protein solution (1mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MKLYIYDHCP YCLKARMIFG LKNIPVELHV LLNDDAETPT RMVGQKQVPI LQKDDSRYMP ESMDIVHYVD KLDGKPLLTG KRSPAIEEWL RKVNGYANKL LLPRFAKSAF DEFSTPAARK YFVDKKEASA GNFADLLAHS DGLIKNISDD LRALDKLIVK PNAVNGELSE DDIQLFPLLR NLTLVAGINW PSRVADYRDN MAKQTQINLL SSMAI.

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