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PRODUCT SPECIFICATION

Product No.	GRX-01
Product description:	Glutaredoxin 1 from <i>E. coli</i>
Lot No.	01
Specifications:	<p>One ampoule contains 3 mg salt free glutaredoxin from <i>E. coli</i> (Grx1, $M_r= 10.000$) lyophilized from 0.5% NH_4HCO_3.</p> <p>Use: Dissolve in 1.0 ml of 50 mM Tris-HCl, 1 mM EDTA, pH 7.5 or other buffer at pH 6-9. This gives a solution of 300 μM Glutaredoxin-S₂. Molar extinction coefficient 10,000 at A₂₈₀ nm.</p> <p>The preparation has a specific activity of 175 μmol NADPH oxidized per minute per mg protein using a standard HED-assay.</p>
Reference:	Björnberg, O. and Holmgren, A. (1991) Protein Expression and Purification, 2, 287-295.
Storage:	Keep at +4°C

NOTE! Make sure to reconstitute all of the lyophilized protein in the ampoule. After adding buffer, close the screw-cap again, shake vigorously, then centrifuge shortly, in order to recover liquid from tube cap and walls.