

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Recombinant Human Glutaredoxin 1/GRX1 Protein, E. coli ABB-RP03539

Article Name	Recombinant Human Glutaredoxin 1/GRX1 Protein, E. coli
Biozol Catalog Number	ABB-RP03539
Supplier Catalog Number	RP03539
Alternative Catalog Number	ABB-RP03539-100UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Gln106
Product Description	Glutaredoxin 1/GRX1, belongs to the glutaredoxin family. Glutaredoxins are small redox enzymes that use glutathione as a cofactor. Glutaredoxins are oxidized by substrates, and reduced non-enzymatically by glutathione. Glutaredoxin-1 functions as an electron donor in the reduction of the 2-disulfide bond of the 20S proteasome regulatory subunit.
Concentration	Please contact us for more information.
Molecular Weight	13.6 kDa
NCBI	<a href="#">2745</a>
UniProt	<a href="#">P35754</a>
Purity	85 % as determined by SDS-PAGE.

Form	Lyophilized from sterile 50mM Tirs, 10% Glycerol, 1mM DTT, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Target	GLRX, GRX
Application Dilute	Lyophilized from sterile 50mM Tirs, 10% Glycerol, 1mM DTT, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein