

Glutaredoxin 1 Human Recombinant

Item Number	rAP-1128
Synonyms	Thioltransferase, GRX, GLRX1, GRX1, GRX-1, GLRX-1, Glutathione-dependent oxidoreductase 1, Glutaredoxin-1, Thioltransferase-1, TTase-1, GLRX, MGC117407.
Description	Glutaredoxin Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 106 amino acids having a molecular mass of 11.7 kDa.
Uniprot Accesion Number	P35754
Amino Acid Sequence	MAQEFVNCKI QPGKVVVF <small>I</small> K PTCPYCRRAQ EILSQLPIKQ GLLEFVDITA TNHTNEIQDY LQQLTGARTV PRVFIGKDCI GGCSDLVSLQ QSGELLTRLK QIGALQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear colorless solution. 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.
Formulation and Purity	Glutaredoxin solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT & 10% Glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**