

Glutaredoxin 5 Human Recombinant

Item Number	rAP-1130
Synonyms	Glutaredoxin-related protein 5 mitochondrial, Monothiol glutaredoxin-5, GLRX5, C14orf87, glutaredoxin 5, GRX5, FLB4739, PR01238, PRO1238, MGC14129.
Description	GLRX5 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 177 amino acids (1-157 a.a.) and having a molecular mass of 18.8 kDa. GRX5 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic tech-
Uniprot Accesion Number	Q86SX6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSGSLGRAAA ALLRWGRGAG GGGLWGPGRV AAGSGAGGGG SAEQLDALVK KDKVVVFLKG TPEQPQCGFS NAVVQILRLH GVRDYAAYNV LDDPELRQGI KDYSNWPTIP QVYLNGEFVG GCDILLQMHQ NGDLVEELKK LGIHSALLDE KKDDQDSK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered 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	GLRX5 solution containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 0.1M NaCl. Greater than 85% 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**