

Glutathione Peroxidase 7 Human Recombinant

Item Number	rAP-1432
Synonyms	Glutathione peroxidase 7, glutathione peroxidase 6, GPX6, NPGPx, CL683, GPx-7, GSHPx-7, non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase, FLJ14777, EC 1.11.1.9.
Description	GPX7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 193 amino acids (20-187) and having a molecular mass of 21.8kDa. GPX7 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q96SL4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMQQEQQD FYDFKAVNIR GKLVSLEKYR GSVSLVVNV SECQFTDQHY RALQQLQRDL GPHHFNVLAFC PCNQFGQQEP DSNKEIESFA RRTYSVSFPM FSKI- AVTGTG AHPAFKYLAQ TSGKEPTWNF WKYLVAPDGK VVGAWDPTVS VEEVRPQITA LVRKLILLKR EDL
Source	E.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	The GPX7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% 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**