

Human GPX1 Recombinant Protein



RPPB1743

Product Information Protein Information

Product SKU:

RPPB1743

Accession:

P07203

Host:

Escherichia Coli.

Protein description:

GPX1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 223 amino acids (1-203) and having a molecular mass of 24.2kDa. GPX1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Glutathione peroxidase 1, GPx-1, GSHPx-1, Cellular glutathione peroxidase, GPX1, GPXD, GSHPX1.

Formulation:

The GPX1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 30% glycerol and 100mM NaCl.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MCAARLAAAA AAAQSVYAFS ARPLAGGEPV SLGSLRGKVL LIENVASLCG
TTVRDYTQMN ELQRRLLGPRG LVVLGFPCNQ FGHQENAKNE EILNSLKYVR PGGGFEPNFM LFEKCEVNGA
GAHPLFAFLR EALPAPSDDA TALMTDPKLI TWSPVCRNDV AWNFEKFLVG PDGVPLRRYS RRFQTIDIEP
DIEALLSQGP SCA.