

Human GPX2 Recombinant Protein



RPPB1744

Product Information Protein Information

Product SKU:

RPPB1744

Accession:

P18283

Host:

Escherichia Coli.

Protein description:

GPX2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-190) and having a molecular mass of 24.1kDa.GPX2 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 2, GPx-2, GSHPx-2, Gastrointestinal glutathione peroxidase, Glutathione peroxidase-gastrointestinal, GPx-GI, GSHPx-GI, Glutathione peroxidase-related protein 2, GPRP-2, GPX2, GPRP, GI-GPx.

Formulation:

The GPX2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH7.5), 40% glycerol, 0.15M NaCl and 1mM DTT.

Purity:

Greater than 95% 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 MAFIAKSFYD LSAISLDGEK VDFNTFRGRA VLIENVASLC GTTTRDFTQL
NELQCRFPRR LVVLGFPCNQ FGHQENCQNE EILNSLYVR PGGGYQPTFT LVQKCEVNGQ NEHPVFAYLK
DKLPYPYDDP FSLMTDPKLI IWSPVRRSDV AWNFEKFLIG PEGEPFRYS RTFPTINIEP DIKRLKVAI.