

Recombinant Human GPX1 Protein (Thr50-Ala203), His tagged

Cat. No. GPX1-2470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GPX1 (Thr50-Ala203) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr50-Ala203
Description	Protects the hemoglobin in erythrocytes from oxidative breakdown. In platelets, plays a crucial role of glutathione peroxidase in the arachidonic acid metabolism.
Molecular Mass	18.8 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.

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Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [GPX1 glutathione peroxidase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [GPX1](#)

Synonyms GPX1; glutathione peroxidase 1; GPx-1; GSHPx-1; cellular glutathione peroxidase; GPXD; GSHPX1; MGC14399; MGC88245;

Gene ID [2876](#)

mRNA Refseq [NM_000581](#)

Protein Refseq [NP_000572](#)

MIM [138320](#)

UniProt ID [P07203](#)

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