

Recombinant Human GPX1 Prptein(U49C), His tagged

Cat. No. GPX1-29073TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPX1 (aa 1-201) fused at the C-terminus to a His-tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-201 aa
Description	Glutathione peroxidase 1 (GPX1) is an antioxidant enzyme that is down-regulated in cancer cells. Protects the hemoglobin in erythrocytes from oxidative breakdown. Its main role is the prevention of cancer initiation by ROS-mediated DNA damage.
Form	Lyophilized. In PBS.
Molecular Mass	~25kDa (SDS-PAGE)
Endotoxin	<0.01 EU/μg purified protein
Purity	≥90% (SDS-PAGE)
Storage	Short Term Storage +4 centigrade Long Term Storage -20 centigrade Handling Advice After reconstitution, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. Stable for at least 6 months after receipt when stored at -20 centigrade. Working

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

aliquots are stable for up to 3 months when stored at -20 centigrade.

Shipping

BLUE ICE

Reconstitution

Reconstitute in 100µl of endotoxin-free water.

GENE INFORMATION

Gene Name

GPX1 glutathione peroxidase 1 [Homo sapiens]

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA