

## Recombinant Human GPX4 lysate

Cat. No. GPX4-308HCL    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	22152.84Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	GPX4 glutathione peroxidase 4 [ Homo sapiens ]
<b>Official Symbol</b>	GPX4
<b>Synonyms</b>	GPX4; glutathione peroxidase 4; glutathione peroxidase 4 (phospholipid hydroperoxidase); phospholipid hydroperoxide glutathione peroxidase, mitochondrial; MCSP; PHGPx; phospholipid hydroperoxidase; sperm nucleus glutathione peroxidase; GPx-4; snGPx; GSHPx-4; snPHGPx;
<b>Gene ID</b>	2879

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<b>mRNA Refseq</b>	NM_001039847
<b>Protein Refseq</b>	NP_001034936
<b>MIM</b>	138322
<b>UniProt ID</b>	P36969
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Folate Metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Selenium Metabolism and Selenoproteins, organism-specific biosystem; Selenium Pathway, organism-specific biosystem; glutathione redox reactions I, organism-specific biosystem;
<b>Function</b>	glutathione peroxidase activity; oxidoreductase activity; phospholipid-hydroperoxide glutathione peroxidase activity;

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