

Recombinant Human GPX4 lysate

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	GPX4 glutathione peroxidase 4 [Homo sapiens]
Official Symbol	GPX4
Synonyms	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;
Gene ID	2879

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mRNA Refseq	NM_001039847
Protein Refseq	NP_001034936
MIM	138322
UniProt ID	P36969
Chromosome Location	19p13.3
Pathway	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;
Function	glutathione peroxidase activity; oxidoreductase activity; phospholipid-hydroperoxide glutathione peroxidase activity;

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