

## Recombinant Human GPX4 protein, His-tagged

Cat. No. GPX4-1363H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GPX4 protein(P36969)(29-197aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	29-197aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	23.4 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

### GENE INFORMATION

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<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
<b>mRNA Refseq</b>	NM_001039847
<b>Protein Refseq</b>	NP_001034936
<b>MIM</b>	138322
<b>UniProt ID</b>	P36969

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