

Recombinant Human GPX4 protein, His-tagged

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

SPECIFICATION

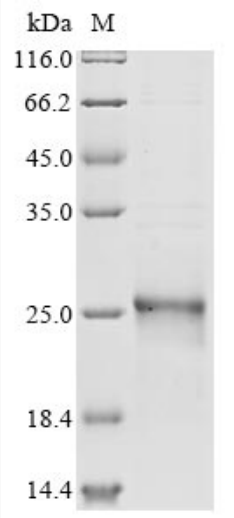
Product Overview	Recombinant Human GPX4 protein(P36969)(29-197aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-197aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	23.4 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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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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
mRNA Refseq	NM_001039847
Protein Refseq	NP_001034936
MIM	138322
UniProt ID	P36969
SDS-PAGE	

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