Recombinant Human GPX4 Protein

Cat. No. GPX4-29080TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPX4(25-197 aa) Protein is produced by E. coli expression system. Cysteine is substituted for Sec73.
Species	Human
Source	E.coli
ProteinLength	25-197 a.a.
Description	This protein protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. Could play a major role in protecting mammals from the toxicity of ingested lipid hydroperoxides. Essential for embryonic development. Protects from radiation and oxidative damage.
Form	Lyophilised.
Molecular Mass	19 kDa
Purity	> 95 % SDS-PAGE.
Storage	Shipped at 4 centigrade. Store at -20° C, Avoid Freeze/Thaw Cycles. After reconstitution, store at -80°C and avoid freeze and thaw cycles.
Storage Buffer	0.02M sodium phosphate, pH 6.0, with 0.05M NaCl.

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GENE INFORMATION

Gene Name	GPX4 glutathione peroxidase 4 [Homo sapiens]
Official Symbol	GPX4
Synonyms	GPX4; glutathione peroxidase 4; MCSP; PHGPx; GPx-4; snGPx; GSHPx-4; snPHGPx;
Gene ID	2879
mRNA Refseq	NM_001039847
Protein Refseq	NP_001034936
MIM	138322
UniProt ID	P36969
	1μg on SDS-PAGE.

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