

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

1g on SDS-PAGE.

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