

Recombinant Human GPX7

Cat. No. GPX7-29079TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Glutathione Peroxidase 7 with N terminal proprietary tag. Predicted MW 46.64 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	187 amino acids
Molecular Weight	46.640kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MVAATVAAAWLLLWAAACAQQEQDFYDFKAVNIRGKLVSL EKYRGSVSLVVNVAS ECGFTDQHYRALQQLQRDLGPHHFN VLAFFCNQFGQQEPDSNKEIESFARRTYSV SFPMFSKIAV TGTGAHPAFKYLAQTSGKEPTWNFWKYL VAPDGKVVGAWD PTVSV EEVRPQITALVRKLILLKREDL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequence Similarities Belongs to the glutathione peroxidase family.

GENE INFORMATION

Gene Name [GPX7 glutathione peroxidase 7 \[Homo sapiens \]](#)

Official Symbol [GPX7](#)

Synonyms GPX7; glutathione peroxidase 7; FLJ14777; GPX6; NPGPx;

Gene ID [2882](#)

mRNA Refseq [NM_015696](#)

Protein Refseq [NP_056511](#)

Uniprot ID [Q96SL4](#)

Chromosome Location 1p32

Pathway Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; glutathione redox reactions I, organism-specific biosystem;

Function glutathione peroxidase activity; oxidoreductase activity;

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