

Recombinant Human GPX7, FLAG-tagged

Cat. No. GPX7-29078TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Glutathione Peroxidase 7 with a C terminal DDDDK tag; mwt: 22 kDa by SDS PAGE.
Species	Human
Source	HEK293
ProteinLength	187 amino acids
Conjugation	FLAG
Molecular Weight	22.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: PBS, pH 7.2
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MVAATVAAAALLLWAAACAQQEQDFYDFKAVNIRGKLVLSLEKYRGSVSLVNVASE CGFTDQHYRALQQLQRDLGPHHFNVLAFFPCNQFGQQEPDSNKEIESFARRTYSVSF PMFSKIAVTGTGAHPAFKYLAQTSGKEPTWNFWKYL VAPDGKVVGAWDPTVSVEE

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VRPQITALVRKLILLKREDL

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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