# Recombinant Human GPX7, FLAG-tagged

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

## SPECIFICATION

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|---|---|
| **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: NoneConstituents: 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** | MVAATVAAAWLLLWAAACAQQEQDFYDFKAVNIRGKLVSLEKYRGSVSLVVNVASE CGFTDQHYRALQQLQRDLGPHHFNVLAFPCNQFGQQEPDSNKEIESFARRTYSVSF PMFSKIAVTGTGAHPAFKYLAQTSGKEPTWNFWKYLVAPDGKVVGAWDPTVSVEE |

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|---|---|
| | VRPQITALVRKLILLKREDL |
| **Sequence Similarities** | Belongs to the glutathione peroxidase family. |

## GENE INFORMATION

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| **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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