

# Recombinant Human GPX7 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GPX7-3816H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	GPX7 MS Standard C13 and N15-labeled recombinant protein (NP_056511) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	GPX7 (Glutathione Peroxidase 7) is a Protein Coding gene. Diseases associated with GPX7 include Barrett Esophagus and Gastroesophageal Reflux. Among its related pathways are Detoxification of Reactive Oxygen Species and Aldosterone synthesis and secretion. Gene Ontology (GO) annotations related to this gene include oxidoreductase activity and peroxidase activity. An important paralog of this gene is GPX8.
<b>Molecular Mass</b>	21 kDa
<b>AA Sequence</b>	MVAATVAAAALLLWAAACAQQEQDFYDFKAVNIRGKLVLSLEKYRGSVSLVNVASE CGFTDQHYRALQQLQRDLGPHHFNVLAFFPCNQFGQQEPDSNKEIESFARRTYSVSF PMFSKIAVTGTGAHPAFKYLAQTSGKEPTWNFWKYLVPDYGKVVGAWDPTVSVEE VRPQITALVRKLILLKREDLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** GPX7 glutathione peroxidase 7 [ Homo sapiens (human) ]

**Official Symbol** GPX7

**Synonyms** GPX7; glutathione peroxidase 7; FLJ14777; GPX6; NPGPx; glutathione peroxidase 6; non-selenocysteine containing phospholipid hydroperoxide glutathione peroxidase; CL683; GPx-7; GSHPx-7;

**Gene ID** 2882

**mRNA Refseq** NM\_015696

**Protein Refseq** NP\_056511

**MIM** 615784

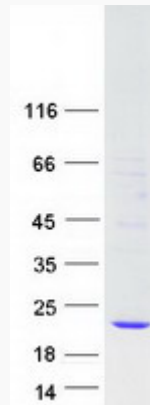
**UniProt ID** Q96SL4

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**SDS-PAGE**



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